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# Metropolitan Housing Characteristics

**PORTLAND, MAINE**

STANDARD METROPOLITAN STATISTICAL AREA

1980

**Census of  
Housing**

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# 1980

## Census of Housing

VOLUME 2

# Metropolitan Housing Characteristics

**PORTLAND, MAINE**

HC80-2-289

Issued October 1983



U.S. Department of Commerce  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

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**BUREAU OF THE CENSUS**  
**C. L. Kincannon, Acting Director**

**HOUSING DIVISION**  
**Arthur F. Young, Chief**

## Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, **Bruce Chapman** and Deputy Director, **C. L. Kincannon**. Primary direction of the data publication program was performed by **William P. Butz**, Associate Director for Demographic Fields, assisted by **Peter A. Bounpane**, Assistant Director for Demographic Census, in conjunction with **Barbara A. Bailar**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Acting Associate Director for Information Technology, **James D. Lincoln**, then Associate Director for Administration, and **Stanley D. Moore**, Associate Director for Field Operations. The Director's staff was assisted by **Sherry L. Courtland**. Direction of the census enumeration and early processing activities was provided by **Vincent P. Barabba**, former Director; **Daniel B. Levine**, former Deputy Director; and **George E. Hall**, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of **Stanley D. Matchett**, Chief, assisted by **Rachel F. Brown** and **Roger O. Lepage**, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: **Donald R. Dalzell**, **H. Ray Dennis**, **Stephen E. Goldman**, **Dennis W. Stoudt**, and **Richard R. Warren**.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of **Arthur F. Young**, Chief; **Leonard J. Norry**, Assistant Chief; and **William A. Downs**, Chief, Decennial Planning and Data Services Branch. This report was prepared by **Robert W. Bonnette**, **Carol A. Comisarow**, **Richard G. Knapp**, and **Charles N. Moore**. Important contributions were made by **Carmina F. Young**, Special Assistant.

Administration support was provided by the Administrative Services Division, **Robert L.**

**Kirkland**, Chief, and **William C. Fanning**, Assistant Chief.

Computer processing was performed in the Computer Services Division, **C. Thomas DiNenna**, Chief, **James E. Steed**, **George M. Bowden**, and **Joseph J. Sferrella**, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, **James S. Werking**, then Chief, under the direction of **Harry O'Haver**, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, **Don L. Adams**, Chief; Jeffersonville Processing Office, **Robert L. Kirkland**, then Processing Manager; New Orleans Processing Office, **Robert L. Allen**, Chief; and Laguna Niguel Processing Office, **Robert N. Scheller**, Chief.

User services were provided by the Data User Services Division under the supervision of **Michael G. Garland**, Chief, **Marshall L. Turner, Jr.**, and **Paul T. Zeisset**, Assistant Chiefs.

Data collection activities were supervised in the Field Division by **Lawrence T. Love**, Chief, under the direction of **Richard Blass**, **Charles Hancock**, and **George T. Reiner**, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of **Robert W. Marx**, Chief; **Joseph J. Knott** and **Silla G. Tomasi**, Assistant Chiefs; and **Donald I. Hirschfeld**, Special Assistant.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, **Raymond J. Koski**, Chief; **Milton S. Andersen**, **Arlene C. Duckett**, and **Gerald A. Mann**, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and

producing variance estimates. This work was supervised by **Charles D. Jones**, Chief; **Susan M. Miskura** and **Robert T. O'Reagan**, Assistant Chiefs. Important contributions were made by **David H. Diskin**, **Milton C. Fan**, **Thomas W. Harahush**, **Robert S. Jewett**, **J. Kim**, **Teresa A. Passalacqua**, **Charles E. Talbert**, **John H. Thompson**, and **Henry F. Woltman**.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, **C. Thomas DiNenna**, Acting Chief, and **Robert J. Varson**, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

### Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 2, Metropolitan housing characteristics.

HC80-2-  
Issued August 1983—

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Metropolitan housing characteristics.

HD7293.A6114 312'.9'0973 81-607957  
AACR2

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2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.	116	Charlotte-Gastonia, N.C.
5	Arkansas	45	Texas			117	Charlottesville, Va.
6	California	46	Utah	81	Bakersfield, Calif.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	82	Baltimore, Md.	119	Chicago, Ill.
8	Connecticut	48	Virginia	83	Bangor, Maine		
9	Delaware	49	Washington	84	Baton Rouge, La.	120	Chico, Calif.
10	Not assigned	50	West Virginia	85	Battle Creek, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	86	Bay City, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	87	Beaumont-Port Arthur-Orange, Tex.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	88	Bellingham, Wash.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	89	Benton Harbor, Mich.	125	Columbia, Mo.
15	Illinois	55	Not assigned	90	Billings, Mont.		
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
22	Maryland	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
26	Mississippi			101	Bridgeport, Conn.		
27	Missouri	65	Altoona, Pa.	102	Bristol, Conn.	136	Daytona Beach, Fla.
28	Montana			103	Brockton, Mass.	137	Decatur, Ill.
29	Nebraska	66	Amarillo, Tex.	104	Brownsville-Harlingen-San Benito, Tex.	138	Denver-Boulder, Colo.
30	Nevada	67	Anaheim-Santa Ana-Garden Grove, Calif.	105	Bryan-College Station, Tex.	139	Des Moines, Iowa
31	New Hampshire	68	Anchorage, Alaska			140	Detroit, Mich.
32	New Jersey	69	Anderson, Ind.	106	Buffalo, N.Y.	141	Dubuque, Iowa
33	New Mexico	70	Anderson, S.C.	107	Burlington, N.C.	142	Duluth-Superior, Minn. Wis.
34	New York			108	Burlington, Vt.		
35	North Carolina	71	Ann Arbor, Mich.	109	Caguas, P.R.	143	Eau Claire, Wis.
36	North Dakota	72	Anniston, Ala.	110	Canton, Ohio	144	El Paso, Tex.
37	Ohio	73	Appleton-Oshkosh, Wis.			145	Elkhart, Ind.
38	Oklahoma	74	Arecibo, P.R.	111	Casper, Wyo.		
39	Oregon	75	Asheville, N.C.	112	Cedar Rapids, Iowa	146	Elmira, N.Y.
40	Pennsylvania	76	Athens, Ga.	113	Champaign-Urbana-Rantoul, Ill.	147	Enid, Okla.

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.			288	Ponce, P.R.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
175	Green Bay, Wis.			254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.			293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio				
180	Harrisburg, Pa.			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio			263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.

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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
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310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.	336	South Bend, Ind.			375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	337	Spokane, Wash.	356	Tulsa, Okla.		
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319	San Antonio, Tex.	339	Springfield, Mo.	358	Tyler, Tex.	377	Yakima, Wash.
320	San Diego, Calif.	340	Springfield, Ohio	359	Utica-Rome, N.Y.	378	York, Pa.
				360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.	361	Victoria, Tex.	380	Yuba City, Calif.
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## Introduction

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## GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

## CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

## DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

## SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

## SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

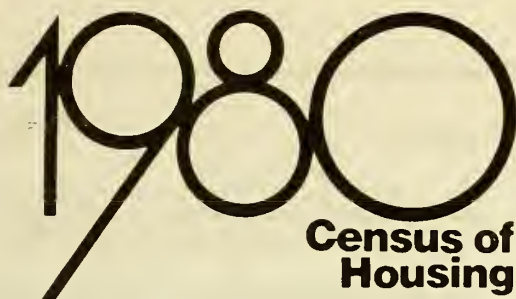
The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.





# Metropolitan Housing Characteristics

## PORTLAND, MAINE

STANDARD METROPOLITAN STATISTICAL AREA  
HC80-2-289

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

**Index of Tables**—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . . **IX**

**List of Tables**—shows the table numbers and titles for each of the 68 tables . . . . . **X**

**Table Finding Guide**—shows the tables in which the various subject cross-classifications presented in the report appear . . . . . **XII**

**Map**—Standard Metropolitan Statistical Areas, Counties, and Selected Places . . . . . **XIV**

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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total . . . . .	A	1 to 12	—	—	—	—	—
Portland . . . . .	B	13 to 24	—	—	—	—	—

## LIST OF TABLES

(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit. . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit. . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built. . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning. . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel. . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
Value . . . . .	—	—	—	—	5	6
Price asked. . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income. . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked. . . . .	—	—	—	—	—	—
Gross rent as percentage of household income. . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

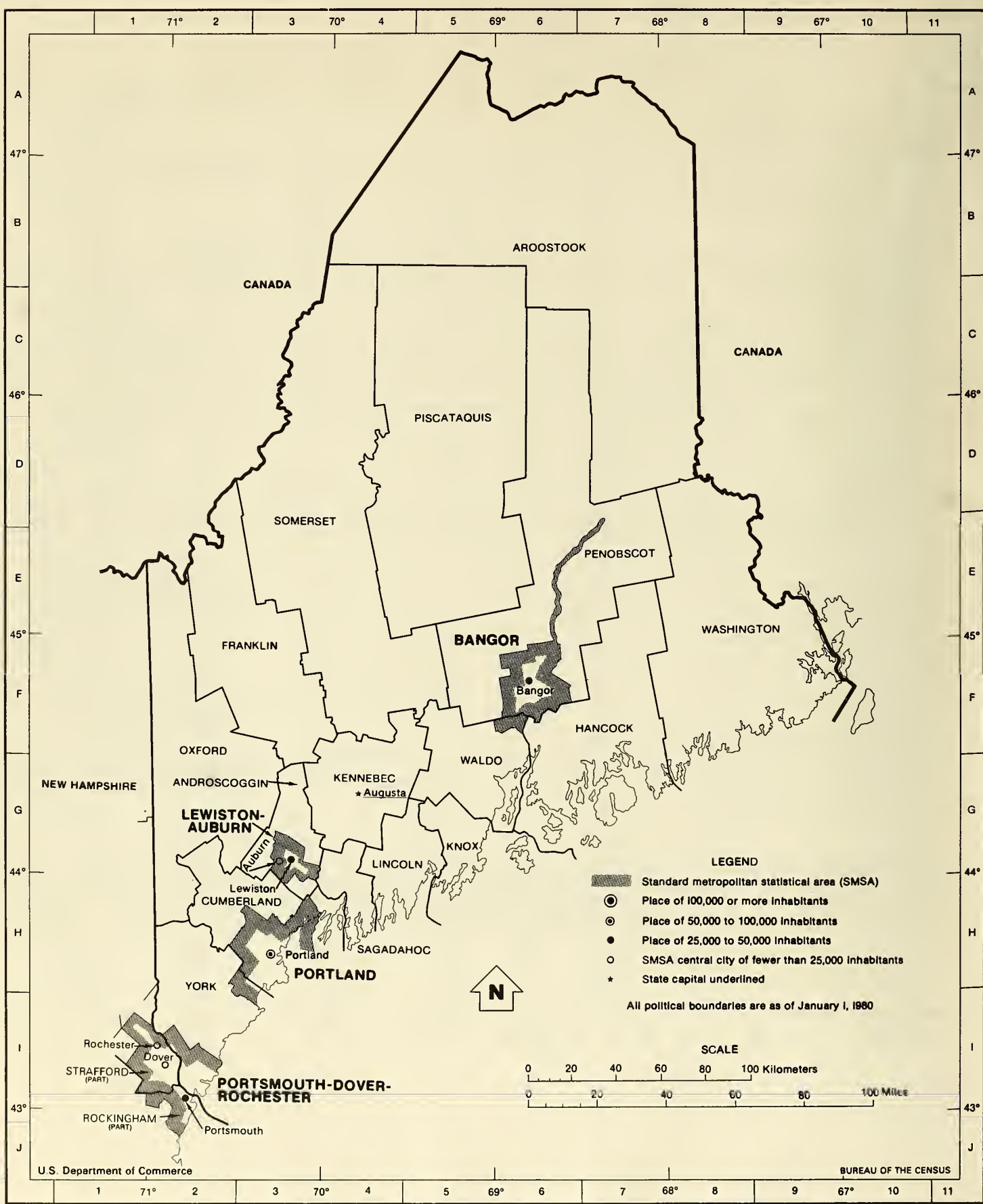
White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit. . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit. . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built. . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning. . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel. . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
Value . . . . .	—	—	9	—	—	—	—
Price asked. . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income. . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked. . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income. . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income. . . . .	—	—	—	10	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income. . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.							
White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—



Standard Metropolitan Statistical Areas, Counties, and Selected Places



SMSA boundaries are as defined on June 19, 1981



#### CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

#### NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b>	<b>33 051</b>	<b>238</b>	<b>1 386</b>	<b>3 929</b>	<b>7 423</b>	<b>8 363</b>	<b>4 392</b>	<b>4 636</b>	<b>1 381</b>	<b>959</b>	<b>344</b>	<b>43 800</b>	<b>49 000</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	24 800	97	747	2 372	5 403	6 371	3 596	3 839	1 218	860	297	45 600	51 400
15 to 24 years	333	—	5	25	121	132	27	23	—	—	—	41 300	41 600
25 to 34 years	5 121	14	75	329	1 114	1 680	866	734	207	83	19	45 500	49 200
35 to 44 years	5 566	—	80	261	1 057	1 360	924	1 143	354	273	114	50 200	57 800
45 to 64 years	10 024	41	364	1 063	2 131	2 395	1 314	1 574	568	424	150	45 500	52 300
65 years and over	3 756	42	223	694	980	804	465	365	89	80	14	39 400	43 300
Male householder, no wife present	1 964	54	110	357	438	484	198	238	27	46	12	40 400	43 200
15 to 24 years	66	3	—	26	19	—	12	6	—	—	—	32 900	37 100
25 to 34 years	491	6	25	74	104	161	62	52	7	—	—	42 000	42 100
35 to 44 years	307	—	16	13	94	69	21	75	5	14	—	43 800	49 800
45 to 64 years	549	29	9	111	58	147	64	72	15	32	12	43 300	49 800
65 years and over	551	16	60	133	163	107	39	33	—	—	—	33 100	34 600
Female householder, no husband present	6 287	87	529	1 200	1 582	1 508	598	559	136	53	35	38 400	41 200
15 to 24 years	61	—	—	14	6	29	—	12	—	—	—	42 900	46 100
25 to 34 years	568	—	10	59	219	102	82	69	19	8	—	39 800	45 100
35 to 44 years	680	—	22	63	157	277	40	107	5	—	9	43 800	47 300
45 to 64 years	2 324	45	226	343	568	553	289	201	64	24	11	39 600	42 100
65 years and over	2 654	42	271	721	632	547	187	170	48	21	15	34 500	37 900
Median age	50.4	62.8	61.1	59.5	51.7	47.7	46.8	46.0	48.8	47.5	49.2	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	2 701	6	18	114	516	736	414	520	217	132	28	49 400	56 500
1975 to 1978	8 191	23	169	635	1 712	2 197	1 258	1 373	453	289	82	46 600	52 600
1970 to 1974	5 977	48	176	472	1 243	1 430	947	1 039	270	260	92	47 400	53 400
1960 to 1969	7 837	37	384	936	1 846	2 107	986	1 029	264	152	96	43 000	47 700
1959 or earlier	8 345	124	639	1 772	2 106	1 893	787	675	177	126	46	37 900	41 000
<b>ROOMS</b>													
1 to 3 rooms	564	26	136	193	76	74	30	8	14	7	—	26 200	30 900
4 rooms	3 649	97	374	860	1 286	676	215	112	19	10	—	33 500	34 100
5 rooms	6 989	40	354	1 065	2 122	2 177	742	432	31	26	—	39 600	40 000
6 rooms	9 708	58	261	1 051	2 325	3 023	1 598	1 117	132	95	48	43 600	45 600
7 rooms	6 271	—	126	436	1 027	1 562	1 108	1 354	463	156	39	49 900	53 800
8 or more rooms	5 870	17	135	324	587	851	699	1 613	722	665	257	63 700	71 000
Median	6.0	4.5	5.0	5.4	5.6	5.9	6.3	7.0	7.6	8.2	8.5+	...	...
<b>BEDROOMS</b>													
None	34	—	—	10	13	11	—	—	—	—	—	35 000	37 100
1	1 388	63	187	440	366	206	51	43	19	13	—	30 100	32 300
2	8 301	93	534	1 408	2 699	2 073	837	514	85	44	14	37 800	39 300
3	15 588	71	470	1 531	3 233	4 485	2 545	2 343	546	251	113	45 100	48 700
4	6 297	11	140	386	986	1 348	830	1 477	549	452	118	52 600	60 500
5 or more	1 443	—	55	154	126	240	129	259	182	199	99	60 800	72 900
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	2 713	12	32	34	272	645	470	716	332	162	38	56 700	62 900
1970 to 1974	3 403	23	37	79	457	873	652	807	231	182	62	53 500	59 800
1960 to 1969	5 611	30	86	280	1 041	1 564	989	1 134	220	186	81	48 800	54 200
1950 to 1959	5 253	9	146	576	1 409	1 655	655	535	135	106	27	42 400	46 300
1940 to 1949	4 183	34	220	789	1 259	1 041	454	262	84	25	15	38 500	40 600
1939 or earlier	11 838	130	865	2 171	2 985	2 585	1 172	1 182	379	298	121	39 300	44 300
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	1 897	51	280	485	464	314	150	132	14	7	—	32 800	34 800
\$5,000 to \$9,999	3 910	41	406	834	1 040	934	340	230	54	23	8	36 800	38 000
\$10,000 to \$12,499	2 496	15	201	484	690	657	242	180	15	—	12	37 800	39 500
\$12,500 to \$14,999	2 526	41	120	456	723	606	304	192	30	28	26	39 000	42 900
\$15,000 to \$19,999	5 803	26	212	676	1 600	1 688	767	637	132	48	17	42 000	44 300
\$20,000 to \$24,999	5 587	21	87	476	1 389	1 661	932	803	127	69	22	44 800	47 700
\$25,000 to \$34,999	6 603	24	70	402	1 113	1 912	1 055	1 374	426	196	31	48 800	53 600
\$35,000 to \$49,999	2 876	19	10	111	334	499	473	761	376	262	31	59 800	64 700
\$50,000 or more	1 353	—	—	5	70	92	129	327	207	326	197	85 000	98 200
Median	\$19 908	\$13 232	\$10 087	\$13 385	\$17 600	\$19 952	\$21 770	\$25 766	\$31 539	\$39 973	\$53 638	...	...
Mean	\$22 084	\$14 727	\$11 458	\$14 747	\$18 236	\$20 493	\$23 213	\$27 698	\$35 524	\$47 463	\$60 741	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	21 996	57	513	1 840	4 807	5 811	3 262	3 611	1 071	771	253	46 100	52 000
Less than 15 percent	5 256	26	101	446	1 143	1 449	698	907	203	232	51	45 900	52 100
15 to 19 percent	5 103	6	129	404	1 118	1 308	811	765	319	171	72	46 500	52 500
20 to 24 percent	4 230	—	59	348	965	1 116	635	722	197	146	42	46 300	52 400
25 to 29 percent	2 655	—	32	155	539	734	509	454	122	80	30	48 000	52 800
30 to 34 percent	1 533	—	53	149	295	424	209	249	85	62	7	46 000	51 300
35 percent or more	3 158	25	134	331	726	780	387	499	145	80	51	43 700	50 400
Not computed	61	—	5	7	21	—	13	15	—	—	—	39 400	46 700
Median	20.7	17.1	22.0	21.0	20.7	20.7	20.9	20.9	20.3	19.5	20.4	...	...
Not mortgaged	11 055	181	873	2 089	2 616	2 552	1 130	1 025	310	188	91	39 200	42 900
Less than 10 percent	3 008	81	134	370	699	754	351	357	132	95	35	42 700	47 700
10 to 14 percent	2 577	32	163	480	598	661	254	264	83	18	24	40 200	43 300
15 to 19 percent	1 549	13	165	325	428	303	118	122	31	44	—	36 800	40 100
20 to 24 percent	1 104	31	83	220	277	215	132	97	30	10	9	37 500	41 400
25 to 29 percent	756	4	74	156	148	182	109	55	16	7	5	39 800	41 900
30 to 34 percent	408	6	46	89	97	119	19	32	—	—	—	37 100	36 600
35 percent or more	1 581	14	202	420	332	318	147	98	18	14	18	35 800	39 400
Not computed	72	—	6	29	37	—	—	—	—	—	—	30 200	28 500
Median	14.8	11.5	19.1	17.8	14.9	13.9	14.2	12.9	11.4	10—	12.2	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	32 833	202	1 323	3 873	7 394	8 352	4 379	4 636	1 375	955	344	43 900	49 100
1.01 or more persons per room	390	—	28	92	91	82	74	10	6	7	—	37 600	40 500
Lacking complete plumbing for exclusive use	218	36	63	56	29	11	13	—	6	4	—	20 800	26 100
1.01 or more persons per room	5	—	5	—	—	—	—	—	—	—	—	16 300	16 300
Heating equipment	33 045	238	1 386	3 923	7 423	8 363	4 392	4 636	1 381	959	344	43 800	49 000
Central heating system	29 227	146	1 106	3 482	6 778	7 486	3 776	4 043	1 183	890	337	43 600	49 300
Air conditioning	6 652	6	179	573	1 424	1 796	1 083	1 097	275	162	57	45 600	50 700
Central system	155	—	5	—	21	25	20	50	9	11	14	62 300	71 800
Income in 1979 below poverty level	1 495	35	184	332	353	269	164	125	14	7	12	35 300	38 700
Percent below poverty level	4.5	14.7	13.3	8.4	4.8	3.2	3.7	2.7	1.0	0.7	3.5	...	...



Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	25 493	2 009	1 674	3 621	5 844	5 078	3 495	1 516	958	242	1 056	242
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	8 039	150	398	788	1 735	1 905	1 486	621	350	102	504	268
15 to 24 years.....	1 365	9	26	121	395	391	277	96	25	—	25	264
25 to 34 years.....	2 716	26	53	211	616	692	580	284	131	25	98	276
35 to 44 years.....	1 076	20	55	91	137	282	183	110	76	37	85	284
45 to 64 years.....	1 633	31	60	211	358	293	294	58	95	25	208	262
65 years and over.....	1 249	64	204	154	229	247	152	73	23	15	88	234
Male householder, no wife present.....	5 828	304	521	1 044	1 425	1 111	674	319	238	49	143	233
15 to 24 years.....	1 478	17	106	241	361	404	187	81	39	14	28	250
25 to 34 years.....	2 127	66	88	379	543	422	310	161	106	13	39	247
35 to 44 years.....	557	13	26	81	146	99	76	38	52	—	26	250
45 to 64 years.....	872	64	156	213	219	88	57	32	13	4	26	197
65 years and over.....	794	144	145	130	156	98	44	7	28	18	24	188
Female householder, no husband present.....	11 626	1 555	755	1 789	2 684	2 062	1 335	576	370	91	409	230
15 to 24 years.....	2 008	177	62	273	539	453	329	107	38	5	25	245
25 to 34 years.....	2 816	101	96	317	821	685	372	226	114	18	66	252
35 to 44 years.....	1 004	84	52	147	232	162	141	89	79	10	8	247
45 to 64 years.....	2 192	228	156	483	525	304	249	55	86	11	95	217
65 years and over.....	3 606	965	389	569	567	458	244	99	53	47	215	184
Median age.....	35.8	68.2	60.7	43.5	32.6	30.2	31.5	31.5	36.1	44.7	53.0	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	11 437	618	531	1 378	2 427	2 568	1 947	877	655	167	269	263
1975 to 1978.....	8 005	726	603	1 121	2 064	1 560	1 030	474	162	39	226	235
1970 to 1974.....	3 174	434	321	509	703	511	302	97	97	36	164	216
1960 to 1969.....	1 655	169	109	397	375	219	153	60	25	—	148	212
1959 or earlier.....	1 222	62	110	216	275	220	63	8	19	—	249	217
<b>ROOMS</b>												
1 room.....	1 616	367	445	449	250	33	16	21	5	13	17	149
2 rooms.....	2 436	571	182	670	583	246	78	15	6	26	59	184
3 rooms.....	5 453	529	411	957	1 909	993	361	124	48	4	117	221
4 rooms.....	6 891	290	276	783	1 562	1 723	1 386	428	227	24	192	262
5 rooms.....	5 051	164	195	466	998	1 257	923	478	282	30	258	276
6 rooms.....	2 519	55	110	216	374	578	512	266	211	55	142	288
7 or more rooms.....	1 527	33	55	80	168	248	219	184	179	90	271	310
Median.....	4.0	2.6	3.0	3.2	3.6	4.2	4.4	4.9	5.2	5.9	5.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979.....	25 493	2 009	1 674	3 621	5 844	5 078	3 495	1 516	958	242	1 056	242
Complete plumbing for exclusive use.....	24 548	1 827	1 429	3 461	5 714	4 978	3 453	1 496	955	242	993	245
0.50 or less.....	15 681	1 272	841	2 217	3 541	3 215	2 230	900	604	141	720	245
0.51 to 1.00.....	8 277	521	542	1 184	2 038	1 640	1 117	568	315	97	255	244
1.01 to 1.50.....	471	29	39	31	89	117	100	28	31	—	7	270
1.51 or more.....	119	5	7	29	46	6	—	—	5	4	11	214
Lacking complete plumbing for exclusive use.....	945	182	245	160	130	100	42	20	3	—	63	161
0.50 or less.....	365	50	45	57	79	31	36	20	—	—	47	206
0.51 to 1.00.....	540	132	193	77	51	69	6	—	3	—	9	126
1.01 to 1.50.....	14	—	—	14	—	—	—	—	—	—	—	173
1.51 or more.....	26	—	7	12	—	—	—	—	—	—	7	162
Income in 1979 below poverty level.....	5 433	1 082	381	818	1 093	878	515	283	160	34	189	215
Complete plumbing for exclusive use.....	5 081	1 008	332	735	1 042	840	492	283	160	34	155	218
1.01 or more persons per room.....	204	23	20	23	40	46	25	5	19	—	3	244
Lacking complete plumbing for exclusive use.....	352	74	49	83	51	38	23	—	—	—	34	180
1.01 or more persons per room.....	33	—	7	26	—	—	—	—	—	—	—	166
<b>BEDROOMS</b>												
None.....	1 964	428	467	584	323	77	16	21	5	13	30	159
1.....	9 088	1 058	630	1 777	2 773	1 572	708	226	61	30	253	217
2.....	9 433	326	376	839	1 991	2 543	1 869	759	390	32	308	271
3.....	3 849	131	135	330	684	736	708	391	343	109	282	284
4.....	945	56	59	78	65	125	144	113	122	46	137	307
5 or more.....	214	10	7	13	8	25	50	6	37	12	46	321
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	3 647	110	155	308	466	644	487	346	330	152	649	286
2.....	5 061	181	265	650	1 202	1 174	914	296	174	—	205	255
3 and 4.....	5 511	253	265	736	1 493	1 433	748	328	179	—	89	249
5 to 9.....	4 557	198	251	801	1 448	939	568	164	147	7	34	234
10 to 49.....	3 981	378	291	761	901	691	512	312	70	16	49	232
50 or more.....	2 480	876	452	313	264	149	213	70	58	67	18	137
Mobile home or trailer, etc.....	256	13	8	52	70	48	53	—	—	—	12	235
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	1 869	467	219	147	89	197	323	180	155	39	53	242
1970 to 1974.....	2 755	573	265	178	326	424	579	198	121	58	33	254
1960 to 1969.....	2 083	259	140	177	229	488	299	182	148	47	114	268
1950 to 1959.....	1 435	39	31	232	353	306	161	104	73	14	122	250
1940 to 1949.....	3 099	126	109	379	931	850	374	128	73	10	119	247
1939 or earlier.....	14 252	545	910	2 508	3 916	2 813	1 759	724	388	74	615	237
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	21 824	1 241	1 227	2 958	5 078	4 656	3 205	1 385	878	163	1 033	249
4 or more.....	3 669	768	447	663	766	422	290	131	80	79	23	197
With elevator.....	2 423	727	318	386	322	218	184	91	75	79	23	177
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	3 023	460	319	613	709	457	280	100	59	26	...	209
15 to 19 percent.....	3 501	309	187	502	858	774	549	230	76	16	...	243
20 to 24 percent.....	3 734	507	303	522	801	703	536	225	113	24	...	234
25 to 29 percent.....	3 192	349	249	458	720	651	423	145	169	28	...	237
30 to 34 percent.....	2 081	115	184	269	426	489	383	145	66	4	...	255
35 to 49 percent.....	3 589	143	275	438	942	840	499	234	160	58	...	250
50 percent or more.....	5 073	75	146	791	1 324	1 127	791	424	309	86	...	259
Not computed.....	1 300	51	11	28	64	37	34	13	6	—	1 056	222
Median.....	27.9	22.1	25.5	26.7	28.6	29.5	29.3	31.8	34.5	39.6	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	25 477	2 004	1 674	3 621	5 844	5 073	3 495	1 516	958	242	1 050	242
Central heating system.....	23 356	1 917	1 455	3 209	5 270	4 691	3 336	1 424	910	231	913	244
Air conditioning.....	2 484	210	137	248	441	422	445	227	104	39	211	262
Central system.....	319	47	38	12	77	6	61	33	16	8	21	234



Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units -----	42 282	2 657	5 173	3 316	3 303	7 399	6 966	8 164	3 456	1 848	19 507	22 017	2 178
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	31 064	551	2 609	1 900	2 229	5 728	5 905	7 271	3 164	1 707	21 870	24 864	812
15 to 24 years -----	558	10	45	54	88	199	99	47	16	—	17 181	17 571	10
25 to 34 years -----	6 122	55	212	351	558	1 504	1 504	1 409	362	167	21 004	22 474	108
35 to 44 years -----	6 800	66	198	239	380	1 214	1 446	2 004	793	460	24 498	27 647	174
45 to 64 years -----	12 578	201	751	589	667	1 989	2 282	3 386	1 805	908	24 537	27 837	329
65 years and over -----	5 006	219	1 403	667	536	822	574	425	188	172	13 498	17 348	191
Male householder, no wife present -----	2 809	270	476	276	267	566	411	382	104	57	16 003	18 627	187
15 to 24 years -----	95	7	7	12	11	13	19	19	7	—	18 750	19 488	7
25 to 34 years -----	682	33	72	63	64	202	117	101	10	20	17 455	19 071	33
35 to 44 years -----	417	6	17	32	39	125	89	98	5	6	19 608	21 352	6
45 to 64 years -----	813	67	99	80	104	139	124	128	52	20	17 683	20 954	52
65 years and over -----	802	157	281	89	49	87	62	36	30	11	8 972	14 373	89
Female householder, no husband present -----	8 409	1 836	2 088	1 140	807	1 105	650	511	188	84	10 615	12 633	1 179
15 to 24 years -----	88	26	22	15	14	11	—	—	—	—	9 231	9 224	3
25 to 34 years -----	812	109	198	121	72	101	124	72	7	8	12 045	13 956	147
35 to 44 years -----	883	130	153	140	110	177	93	45	31	4	12 920	14 152	160
45 to 64 years -----	3 053	316	713	393	390	497	310	292	100	42	13 170	15 361	261
65 years and over -----	3 573	1 255	1 002	471	221	319	123	102	50	30	7 129	9 710	578
Median age -----	51.0	68.9	65.5	58.9	51.3	46.6	44.9	46.2	50.2	49.4	...	...	57.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	3 825	135	269	295	382	765	750	713	297	219	20 368	23 179	155
1975 to 1978 -----	10 524	360	805	755	821	2 077	2 124	2 362	763	457	20 819	23 071	415
1970 to 1974 -----	7 518	286	740	471	545	1 347	1 241	1 660	808	420	21 492	24 366	311
1960 to 1969 -----	9 618	590	1 209	621	757	1 602	1 550	1 969	882	438	20 097	22 761	512
1959 or earlier -----	10 797	1 286	2 150	1 174	798	1 608	1 301	1 460	706	314	14 970	18 281	785
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	41 848	2 562	5 051	3 289	3 271	7 342	6 942	8 126	3 442	1 823	19 586	22 084	2 118
1.01 or more persons per room -----	545	12	13	19	90	101	100	164	39	7	21 563	23 095	32
Lacking complete plumbing for exclusive use -----	434	95	122	27	32	57	24	38	14	25	10 000	15 612	60
1.01 or more persons per room -----	12	—	—	—	5	—	—	7	—	—	30 112	25 253	—
Heating equipment -----	42 272	2 653	5 173	3 310	3 303	7 399	6 966	8 164	3 456	1 848	19 511	22 021	2 174
Central heating system -----	37 409	2 276	4 613	2 915	2 849	6 469	6 159	7 192	3 195	1 741	19 666	22 259	1 867
Air conditioning -----	8 609	268	785	547	615	1 553	1 527	2 030	843	441	21 582	24 238	221
Central system -----	342	11	69	14	18	36	46	77	24	47	23 203	30 034	11
Vehicles available -----	40 042	1 776	4 398	3 056	3 211	7 255	6 926	8 136	3 436	1 848	20 206	22 808	1 671
1 -----	16 131	1 449	3 084	2 124	1 760	3 023	2 231	1 841	437	182	14 501	16 097	1 076
2 or more -----	23 911	327	1 314	932	1 451	4 232	4 695	6 295	2 999	1 666	23 829	27 335	595
House heating fuel -----	42 272	2 653	5 173	3 310	3 303	7 399	6 966	8 164	3 456	1 848	19 511	22 021	2 174
Utility gas -----	1 057	82	166	118	63	131	182	165	104	46	18 936	20 894	89
Bottled, tank, or LP gas -----	288	39	77	45	17	56	18	30	6	—	11 556	13 469	29
Electricity -----	4 414	151	456	294	361	772	619	994	474	293	21 225	24 630	155
Fuel oil, kerosene, etc. -----	32 694	2 243	4 166	2 598	2 472	5 659	5 443	6 103	2 612	1 398	19 286	21 738	1 746
Other -----	3 819	138	308	255	390	781	704	872	260	111	20 220	22 380	155
Median rooms -----	6.0	5.4	5.3	5.3	5.5	5.8	6.0	6.3	6.9	7.8	...	...	5.7
Specified owner-occupied housing units -----	33 051	1 897	3 910	2 496	2 526	5 803	5 587	6 603	2 876	1 353	19 908	22 084	1 495
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage -----	21 996	528	1 589	1 245	1 606	4 113	4 358	5 321	2 233	1 003	21 967	24 298	714
Less than \$200 -----	1 064	86	236	134	111	231	123	115	21	7	14 054	15 493	79
\$200 to \$249 -----	2 343	59	327	240	257	435	418	502	99	6	18 205	19 031	106
\$250 to \$299 -----	3 693	151	384	248	367	878	691	726	221	27	19 053	19 808	192
\$300 to \$349 -----	3 485	76	217	238	300	776	796	710	289	83	20 746	22 241	100
\$350 to \$399 -----	3 336	27	172	154	249	703	791	857	320	63	21 814	23 480	57
\$400 to \$499 -----	4 120	77	125	128	238	694	945	1 169	566	178	23 694	26 078	89
\$500 to \$599 -----	1 982	28	79	50	52	285	360	322	122	26	27 799	28 473	53
\$600 to \$749 -----	1 163	17	34	37	14	85	168	398	253	157	29 828	33 317	23
\$750 or more -----	810	7	15	16	18	26	66	160	142	360	32 723	51 578	15
Median -----	\$356	\$289	\$280	\$300	\$311	\$333	\$360	\$385	\$430	\$615	...	...	\$295
Not mortgaged -----	11 055	1 369	2 321	1 251	920	1 690	1 229	1 282	643	350	14 094	17 680	781
Less than \$50 -----	6	—	—	—	—	6	—	—	—	—	18 750	18 010	—
\$50 to \$74 -----	83	11	28	12	5	27	—	—	—	—	10 521	10 909	11
\$75 to \$99 -----	471	122	127	75	50	57	20	13	7	—	9 196	10 502	67
\$100 to \$124 -----	1 137	250	368	166	75	127	67	62	22	—	9 378	11 328	121
\$125 to \$149 -----	1 774	275	460	221	165	238	181	182	47	5	11 719	14 018	127
\$150 to \$199 -----	4 348	504	874	485	383	732	560	516	222	72	14 530	16 582	272
\$200 to \$249 -----	2 006	135	373	203	137	323	303	289	198	45	17 307	19 348	117
\$250 or more -----	1 230	72	91	89	105	180	98	220	147	228	24 231	33 193	66
Median -----	\$174	\$153	\$160	\$166	\$172	\$177	\$181	\$187	\$206	\$250+	...	...	\$162
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	21 996	528	1 589	1 245	1 606	4 113	4 358	5 321	2 233	1 003	21 967	24 298	714
Less than 15 percent -----	5 256	—	—	11	11	325	816	2 054	1 385	654	31 259	36 368	14
15 to 19 percent -----	5 103	—	33	79	219	912	1 374	1 721	513	252	24 755	26 864	—
20 to 24 percent -----	4 230	—	63	186	371	1 166	1 208	946	219	71	21 078	22 623	13
25 to 29 percent -----	2 655	—	118	240	382	850	582	382	82	19	18 182	19 357	—
30 to 34 percent -----	1 533	—	167	249	279	474	205	124	28	7	15 787	16 822	37
35 percent or more -----	3 158	467	1 208	480	344	386	173	94	6	—	9 580	10 563	589
Not computed -----	61	61	—	—	—	—	—	—	—	—	2500—	—117	61
Median -----	20.7	50+	45.2	32.1	27.6	23.5	20.0	16.8	13.5	12.4	...	...	50+
Not mortgaged -----	11 055	1 369	2 321	1 251	920	1 690	1 229	1 282	643	350	14 094	17 680	781
Less than 10 percent -----	3 008	—	7	69	94	383	509	1 002	604	340	28 524	33 390	—
10 to 14 percent -----	2 577	—	106	250	352	904	680	236	39	10	18 032	18 677	6
15 to 19 percent -----	1 549	—	376	479	318	299	33	44	—	—	12 080	12 878	11
20 to 24 percent -----	1 104	52	550	299	106	90	7	—	—	—	9 618	10 023	16
25 to 29 percent -----	756	52	554	115	28	7	—	—	—	—	8 021	8 055	21
30 to 34 percent -----	408	119	269	13	—	—	—	—	—	—	6 214	6 488	32
35 percent or more -----	1 581	1 074	459	26	22	—	—	—	—	—	4 196	4 510	623
Not computed -----	72	72	—	—	—	—	—	—	—	—	2500—	—	72
Median -----	14.8	49.0	26.1	18.2	15.2	12.6	10.8	10—	10—	10—	...	...	50+

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	25 950	6 096	7 259	3 040	2 366	3 509	1 901	1 284	353	142	9 727	11 550	5 515
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	8 241	572	1 769	1 022	976	1 815	1 126	750	159	52	14 440	15 417	791
15 to 24 years	1 388	87	285	239	215	355	113	81	13	—	13 465	14 014	143
25 to 34 years	2 795	118	556	336	401	653	412	265	32	22	14 916	15 851	216
35 to 44 years	1 110	90	111	109	99	307	217	122	48	7	16 921	17 676	150
45 to 64 years	1 669	123	223	162	177	366	325	218	52	23	17 065	17 691	181
65 years and over	1 279	154	594	176	84	134	59	64	14	—	8 976	11 063	101
Male householder, no wife present	5 954	1 231	1 787	687	553	838	406	238	152	62	9 883	12 061	1 083
15 to 24 years	1 485	270	538	170	158	233	59	27	23	7	9 405	10 936	322
25 to 34 years	2 189	274	641	294	256	313	215	123	54	19	11 526	13 307	283
35 to 44 years	581	86	101	102	61	82	67	47	28	7	12 561	14 999	84
45 to 64 years	882	235	233	63	39	163	59	25	36	29	9 489	13 220	189
65 years and over	817	366	274	58	39	47	6	16	11	—	5 559	7 430	205
Female householder, no husband present	11 755	4 298	3 708	1 331	837	856	369	296	42	28	6 895	8 580	3 641
15 to 24 years	2 031	649	763	229	119	120	80	71	—	—	7 320	8 525	775
25 to 34 years	2 846	660	902	458	334	299	69	110	7	7	9 285	10 147	812
35 to 44 years	1 013	259	362	108	77	100	73	30	—	—	8 286	9 869	369
45 to 64 years	2 216	699	669	318	151	208	112	36	23	—	7 994	9 172	618
65 years and over	3 649	2 026	1 007	218	156	129	35	49	8	21	4 721	6 671	1 067
Median age	35.8	57.1	34.6	32.4	30.0	32.6	35.1	34.0	39.7	45.5	...	...	38.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	11 613	2 518	3 379	1 424	1 045	1 650	870	522	153	52	9 860	11 530	2 674
1975 to 1978	8 132	1 803	2 187	1 001	818	1 193	578	437	75	40	10 190	11 731	1 566
1970 to 1974	3 227	1 000	881	301	272	345	205	147	54	22	8 221	10 862	712
1960 to 1969	1 672	456	419	196	126	132	179	123	24	17	9 332	11 992	352
1959 or earlier	1 306	319	393	118	105	189	69	55	47	11	9 122	11 733	211
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	25 000	5 669	6 969	2 925	2 343	3 451	1 884	1 264	353	142	9 899	11 718	5 163
0.50 or less	16 002	4 097	4 618	1 781	1 381	2 000	1 059	741	218	107	9 211	11 201	3 039
0.51 to 1.00	8 405	1 475	2 236	1 042	882	1 353	756	497	135	29	11 179	12 610	1 920
1.01 to 1.50	474	78	82	96	59	73	65	15	—	6	12 005	13 099	175
1.51 or more	119	19	33	6	21	25	4	11	—	—	12 679	12 603	29
Lacking complete plumbing for exclusive use	950	427	290	115	23	58	17	20	—	—	5 561	7 142	352
0.50 or less	365	183	114	32	6	17	5	8	—	—	4 992	6 663	127
0.51 to 1.00	545	238	165	77	17	31	5	12	—	—	5 701	7 042	192
1.01 to 1.50	14	—	4	—	—	10	—	—	—	—	15 750	14 782	14
1.51 or more	26	6	7	6	—	—	7	—	—	—	10 000	11 847	19
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	25 934	6 091	7 248	3 040	2 366	3 509	1 901	1 284	353	142	9 733	11 555	5 510
Central heating system	23 719	5 558	6 608	2 782	2 208	3 195	1 746	1 181	306	135	9 756	11 573	4 961
Air conditioning	2 537	487	660	253	224	353	303	163	71	23	11 201	13 393	364
Central system	319	97	80	36	51	15	28	4	—	—	7 441	10 069	65
Vehicles available	18 250	2 342	4 665	2 454	2 082	3 212	1 816	1 254	307	118	12 158	13 615	2 553
1	12 988	2 045	3 961	1 881	1 511	2 044	971	426	104	45	10 649	11 751	1 954
2 or more	5 262	297	704	573	571	1 168	845	828	203	73	17 012	18 216	599
House heating fuel	25 934	6 091	7 248	3 040	2 366	3 509	1 901	1 284	353	142	9 733	11 555	5 510
Utility gas	2 550	756	738	241	162	312	191	58	54	38	8 390	11 182	719
Bottled, tank, or LP gas	401	88	161	42	33	65	8	—	—	—	8 383	9 499	78
Electricity	4 406	1 042	1 202	423	374	585	386	310	77	7	9 798	11 953	829
Fuel oil, kerosene, etc.	18 061	4 141	5 046	2 243	1 759	2 457	1 257	866	202	90	9 844	11 460	3 795
Other	516	64	101	91	38	90	59	50	16	7	12 632	14 897	89
Median rooms	4.0	3.2	3.8	4.1	4.2	4.3	4.6	4.8	5.4	5.4	...	...	3.7
Specified renter-occupied housing units	25 493	6 020	7 113	2 970	2 347	3 447	1 861	1 245	348	142	9 716	11 539	5 433
<b>CONTRACT RENT</b>													
Less than \$100	2 841	1 784	502	170	53	176	89	50	11	6	4 375	6 624	1 307
\$100 to \$149	3 049	738	1 241	303	206	298	166	61	31	5	7 672	9 634	592
\$150 to \$199	6 023	1 377	1 835	818	572	765	393	180	50	33	9 464	10 889	1 242
\$200 to \$249	6 344	1 173	1 858	846	754	967	451	243	40	12	10 417	11 509	1 135
\$250 to \$299	3 827	432	1 015	492	428	720	358	291	66	25	12 370	13 723	609
\$300 to \$349	1 539	139	328	151	202	265	186	199	41	28	14 375	16 441	208
\$350 to \$399	493	89	79	24	45	65	55	81	50	5	15 766	18 333	114
\$400 to \$499	217	13	22	16	10	44	46	36	22	8	20 437	21 328	25
\$500 or more	104	23	24	7	8	—	4	8	14	16	11 786	21 540	12
No cash rent	1 056	252	209	143	69	147	113	96	23	4	11 171	12 929	189
Median	\$202	\$162	\$195	\$207	\$219	\$220	\$223	\$258	\$276	\$283	...	...	\$180
<b>GROSS RENT</b>													
Less than \$100	2 009	1 518	289	57	10	68	42	25	—	—	3 961	5 129	1 082
\$100 to \$149	1 674	605	715	134	64	86	43	5	11	11	6 111	7 736	381
\$150 to \$199	3 621	948	1 348	446	304	348	123	73	12	19	8 186	9 498	818
\$200 to \$249	5 844	1 239	1 815	873	620	726	379	140	46	6	9 637	10 618	1 093
\$250 to \$299	5 078	724	1 402	741	620	867	387	251	73	13	11 393	12 529	878
\$300 to \$349	3 495	387	816	353	386	723	451	319	38	22	13 740	14 584	515
\$350 to \$399	1 516	223	294	119	163	258	156	221	51	31	14 371	16 271	283
\$400 to \$499	958	91	189	97	93	174	159	73	72	10	15 265	16 865	160
\$500 or more	242	33	36	7	18	50	8	42	22	26	17 700	22 347	34
No cash rent	1 056	252	209	143	69	147	113	96	23	4	11 171	12 929	189
Median	\$242	\$193	\$232	\$244	\$263	\$271	\$287	\$313	\$327	\$345	...	...	\$215
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent	3 023	64	208	142	135	617	707	732	280	138	21 968	24 085	106
15 to 19 percent	3 501	238	209	285	534	1 143	702	351	39	—	17 015	16 996	213
20 to 24 percent	3 734	490	632	661	672	966	265	48	—	—	12 813	12 526	348
25 to 29 percent	3 192	407	947	804	511	429	70	18	6	—	10 752	10 724	304
30 to 34 percent	2 081	232	901	574	293	77	4	—	—	—	9 599	9 349	182
35 to 49 percent	3 589	538	2 541	319	123	68	—	—	—	—	7 464	7 544	656
50 percent or more	5 073	3 555	1 466	42	10	—	—	—	—	—	3 986	4 084	3 191
Not computed	1 300	496	209	143	69	147	113	96	23	4	8 597	10 466	433
Median	27.9	50+	37.7	27.0	23.5	19.5	16.2	13.6	10—	10—	...	...	50+



Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units -----</b>	<b>21 996</b>	<b>1 064</b>	<b>2 343</b>	<b>3 693</b>	<b>3 485</b>	<b>3 336</b>	<b>4 120</b>	<b>1 982</b>	<b>1 163</b>	<b>810</b>	<b>356</b>
<b>PERSONS IN UNIT</b>											
1 person -----	1 665	244	303	300	232	176	245	110	34	21	298
2 persons -----	5 156	305	712	906	837	766	905	395	221	109	339
3 persons -----	4 871	220	561	801	819	707	935	406	248	174	352
4 persons -----	5 712	215	416	891	876	992	1 144	587	318	273	373
5 persons -----	3 134	72	248	516	436	496	573	378	244	171	380
6 persons -----	1 022	—	52	204	221	118	225	78	62	62	364
7 persons -----	331	—	31	43	52	69	76	28	32	—	379
8 or more persons -----	105	8	20	32	12	12	17	—	4	—	288
Median -----	3.36	2.44	2.78	3.30	3.32	3.52	3.47	3.64	3.75	3.87	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families -----</b>	<b>18 030</b>	<b>659</b>	<b>1 754</b>	<b>2 976</b>	<b>2 746</b>	<b>2 860</b>	<b>3 550</b>	<b>1 713</b>	<b>1 019</b>	<b>753</b>	<b>365</b>
15 to 24 years -----	313	5	16	46	61	92	60	29	4	—	365
25 to 34 years -----	4 966	77	287	540	710	987	1 378	564	282	141	394
35 to 44 years -----	5 312	133	432	907	699	824	932	661	409	315	379
45 to 64 years -----	6 714	361	852	1 335	1 182	887	1 101	402	308	286	334
65 years and over -----	725	83	167	148	94	70	79	57	16	11	288
<b>Male householder, no wife present -----</b>	<b>1 196</b>	<b>68</b>	<b>190</b>	<b>161</b>	<b>199</b>	<b>143</b>	<b>204</b>	<b>147</b>	<b>58</b>	<b>26</b>	<b>345</b>
15 to 24 years -----	56	—	—	12	19	—	6	19	—	—	342
25 to 34 years -----	429	11	48	33	75	41	131	77	13	—	404
35 to 44 years -----	276	8	52	32	36	49	40	31	20	8	360
45 to 64 years -----	309	22	55	65	57	32	15	20	25	18	311
65 years and over -----	126	27	35	19	12	12	12	—	—	—	253
<b>Female householder, no husband present -----</b>	<b>2 770</b>	<b>337</b>	<b>399</b>	<b>556</b>	<b>540</b>	<b>333</b>	<b>366</b>	<b>122</b>	<b>86</b>	<b>31</b>	<b>309</b>
15 to 24 years -----	56	—	6	13	12	6	13	—	6	—	338
25 to 34 years -----	533	34	54	61	149	78	88	40	24	5	339
35 to 44 years -----	564	33	61	110	126	104	80	24	12	14	331
45 to 64 years -----	1 214	148	215	275	208	124	150	45	37	12	294
65 years and over -----	403	122	63	97	45	21	35	13	7	—	259
Median age -----	42.2	54.1	49.4	45.9	43.3	39.3	37.9	38.4	39.6	43.0	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	2 420	29	67	175	163	267	635	522	323	239	482
1975 to 1978 -----	7 216	140	295	637	1 123	1 472	1 854	820	556	319	398
1970 to 1974 -----	4 982	86	397	1 016	1 050	852	905	350	162	164	347
1960 to 1969 -----	5 612	519	1 206	1 470	930	549	568	193	101	76	287
1959 or earlier -----	1 766	290	378	395	219	196	158	97	21	12	277
<b>ROOMS</b>											
1 to 3 rooms -----	197	29	21	53	30	27	14	23	—	—	296
4 rooms -----	1 961	243	369	440	382	279	186	49	13	—	292
5 rooms -----	4 332	372	646	884	844	740	565	194	72	15	316
6 rooms -----	6 542	255	833	1 261	1 165	1 112	1 239	439	181	57	340
7 rooms -----	4 628	100	313	691	655	654	1 164	590	331	130	392
8 or more rooms -----	4 336	65	161	364	409	524	952	687	566	608	467
Median -----	6.2	5.2	5.7	5.9	5.9	6.1	6.5	7.0	7.5	8.4	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	2 469	43	120	188	316	396	491	377	324	214	434
1970 to 1974 -----	2 972	61	131	436	476	528	611	366	210	153	386
1960 to 1969 -----	4 391	199	500	850	695	549	927	340	200	131	347
1950 to 1959 -----	3 064	245	467	491	470	573	487	203	98	30	335
1940 to 1949 -----	2 399	184	332	522	469	420	248	154	51	19	317
1939 or earlier -----	6 701	332	793	1 206	1 059	870	1 356	542	280	263	348
<b>VALUE</b>											
Less than \$10,000 -----	57	21	22	14	—	—	—	—	—	—	217
\$10,000 to \$19,999 -----	513	127	121	138	72	35	4	16	—	—	253
\$20,000 to \$29,999 -----	1 840	254	366	545	333	175	140	13	14	—	278
\$30,000 to \$39,999 -----	4 807	390	778	1 083	968	814	601	138	29	6	308
\$40,000 to \$49,999 -----	5 811	203	669	1 070	1 077	1 027	1 335	330	82	18	345
\$50,000 to \$59,999 -----	3 262	24	212	500	521	586	840	432	117	30	382
\$60,000 to \$79,999 -----	3 611	30	144	275	450	593	825	713	469	112	436
\$80,000 to \$99,999 -----	1 011	7	19	46	59	58	267	190	252	173	542
\$100,000 to \$149,999 -----	771	8	12	16	5	41	108	135	158	288	657
\$150,000 or more -----	253	—	—	6	—	7	—	15	42	183	750+
Median -----	\$46 100	\$32 800	\$38 400	\$40 500	\$43 200	\$45 700	\$49 900	\$61 200	\$74 000	\$109 600	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	5 256	489	1 149	1 249	892	548	580	181	97	71	290
15 to 19 percent -----	5 103	242	430	966	919	942	962	325	125	192	350
20 to 24 percent -----	4 230	107	273	568	718	749	950	479	264	122	380
25 to 29 percent -----	2 655	63	160	262	380	441	650	359	249	91	403
30 to 34 percent -----	1 533	16	77	187	188	264	340	235	134	92	411
35 percent or more -----	3 158	147	254	436	372	382	633	403	289	242	398
Not computed -----	61	—	—	25	16	10	5	—	5	—	317
Median -----	20.7	15.9	15.3	18.0	19.6	21.2	22.7	25.1	26.9	26.1	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment -----</b>	<b>21 990</b>	<b>1 064</b>	<b>2 343</b>	<b>3 687</b>	<b>3 485</b>	<b>3 336</b>	<b>4 120</b>	<b>1 982</b>	<b>1 163</b>	<b>810</b>	<b>356</b>
Steam or hot water system -----	11 989	525	1 111	2 008	2 003	1 843	2 375	1 110	595	419	359
Central warm-air furnace or electric heat pump -----	4 282	304	718	855	668	658	623	244	137	75	320
Other built-in electric units -----	2 688	47	135	270	367	401	581	366	291	230	422
Floor, wall, or pipeless furnace -----	194	12	40	59	24	23	17	19	—	—	288
Other means -----	2 837	176	339	495	423	411	524	243	140	86	348
<b>Air conditioning -----</b>	<b>4 653</b>	<b>195</b>	<b>461</b>	<b>678</b>	<b>719</b>	<b>795</b>	<b>891</b>	<b>499</b>	<b>259</b>	<b>156</b>	<b>367</b>
Central system -----	124	—	19	26	7	20	—	6	19	27	348
1 or more individual room units -----	4 529	195	442	652	712	775	891	493	240	129	367
<b>House heating fuel -----</b>	<b>21 990</b>	<b>1 064</b>	<b>2 343</b>	<b>3 687</b>	<b>3 485</b>	<b>3 336</b>	<b>4 120</b>	<b>1 982</b>	<b>1 163</b>	<b>810</b>	<b>356</b>
Utility gas -----	524	71	101	113	43	44	67	27	26	32	290
Bottled, tank, or LP gas -----	87	9	8	—	11	27	7	5	—	—	379
Electricity -----	2 869	58	165	283	385	439	608	388	300	243	418
Fuel oil, kerosene, etc. -----	15 901	775	1 745	2 846	2 662	2 448	2 906	1 346	724	449	349
Other -----	2 609	151	324	445	384	378	512	216	113	86	350

Table A—6. **Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA**

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>11 055</b>	<b>6</b>	<b>83</b>	<b>471</b>	<b>1 137</b>	<b>1 774</b>	<b>4 348</b>	<b>2 006</b>	<b>1 230</b>	<b>174</b>
<b>PERSONS IN UNIT</b>										
1 person -----	2 662	—	11	192	464	511	993	315	176	158
2 persons -----	5 487	—	54	211	481	902	2 289	977	573	174
3 persons -----	1 653	—	8	52	90	230	632	396	245	185
4 persons -----	719	6	5	16	64	85	288	167	88	182
5 persons -----	366	—	5	—	33	26	97	83	122	213
6 persons -----	109	—	—	—	—	9	36	50	14	209
7 persons -----	31	—	—	—	5	—	8	12	6	210
8 or more persons -----	28	—	—	—	—	11	5	6	6	180
Median -----	2.02	4.00	2.06	1.71	1.72	1.92	2.02	2.20	2.27	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> -----	<b>6 770</b>	<b>6</b>	<b>45</b>	<b>199</b>	<b>556</b>	<b>1 062</b>	<b>2 720</b>	<b>1 358</b>	<b>824</b>	<b>178</b>
15 to 24 years -----	20	—	8	—	—	7	5	—	—	132
25 to 34 years -----	155	—	—	13	12	24	73	28	5	170
35 to 44 years -----	254	6	5	—	32	51	88	28	44	169
45 to 64 years -----	3 310	—	11	87	166	524	1 292	758	472	184
65 years and over -----	3 031	—	21	99	346	456	1 262	544	303	174
<b>Male householder, no wife present</b> -----	<b>768</b>	<b>19</b>	<b>89</b>	<b>149</b>	<b>87</b>	<b>327</b>	<b>60</b>	<b>37</b>	<b>156</b>	<b>156</b>
15 to 24 years -----	10	—	3	—	—	7	—	—	—	132
25 to 34 years -----	62	—	7	19	—	—	27	9	—	159
35 to 44 years -----	31	—	8	6	—	—	11	—	6	157
45 to 64 years -----	240	—	4	39	61	26	84	21	5	140
65 years and over -----	425	—	—	22	88	54	205	30	26	162
<b>Female householder, no husband present</b> -----	<b>3 517</b>	<b>19</b>	<b>183</b>	<b>432</b>	<b>625</b>	<b>1 301</b>	<b>588</b>	<b>369</b>	<b>169</b>	<b>169</b>
15 to 24 years -----	5	—	—	—	—	—	—	—	5	250+
25 to 34 years -----	35	—	—	—	8	12	7	—	8	145
35 to 44 years -----	116	—	—	5	8	21	38	14	30	182
45 to 64 years -----	1 110	—	5	37	116	183	391	253	125	177
65 years and over -----	2 251	—	14	141	300	409	865	321	201	165
Median age -----	65.5	42.5	56.4	66.4	68.2	65.5	66.0	63.4	62.9	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	281	—	16	12	14	40	126	54	19	173
1975 to 1978 -----	975	6	—	77	79	146	352	193	122	175
1970 to 1974 -----	995	—	23	39	92	116	312	235	178	186
1960 to 1969 -----	2 225	—	17	94	215	330	889	426	254	176
1959 or earlier -----	6 579	—	27	249	737	1 142	2 669	1 098	657	171
<b>ROOMS</b>										
1 to 3 rooms -----	367	—	21	101	115	65	61	4	—	113
4 rooms -----	1 688	6	28	155	326	397	607	141	28	146
5 rooms -----	2 657	—	16	101	295	630	1 175	304	136	162
6 rooms -----	3 166	—	18	68	263	448	1 406	683	280	178
7 rooms -----	1 643	—	—	27	113	133	657	495	218	192
8 or more rooms -----	1 534	—	—	19	25	101	442	379	568	224
Median -----	5.8	4.0	4.2	4.4	4.9	5.2	5.7	6.3	7.3	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	244	6	8	27	27	29	95	32	20	163
1970 to 1974 -----	431	—	—	31	57	55	85	115	88	193
1960 to 1969 -----	1 220	—	4	60	74	220	443	253	166	178
1950 to 1959 -----	2 189	—	15	51	188	367	1 005	335	228	174
1940 to 1949 -----	1 784	—	24	61	206	354	710	286	143	167
1939 or earlier -----	5 187	—	32	241	585	749	2 010	985	585	175
<b>VALUE</b>										
Less than \$10,000 -----	181	—	18	70	51	10	18	—	14	101
\$10,000 to \$19,999 -----	873	6	24	117	208	170	216	114	18	137
\$20,000 to \$29,999 -----	2 089	—	23	147	346	475	815	178	105	153
\$30,000 to \$39,999 -----	2 616	—	18	38	295	545	1 268	370	82	166
\$40,000 to \$49,999 -----	2 552	—	—	73	196	437	1 180	456	210	174
\$50,000 to \$59,999 -----	1 130	—	—	6	16	81	444	436	147	202
\$60,000 to \$79,999 -----	1 025	—	—	14	17	44	368	340	242	210
\$80,000 to \$99,999 -----	310	—	—	6	8	6	27	83	180	250+
\$100,000 to \$149,999 -----	188	—	—	—	—	6	—	29	153	250+
\$150,000 or more -----	91	—	—	—	—	—	12	—	79	250+
Median -----	\$39 200	\$12 500	\$17 300	\$22 800	\$28 500	\$34 300	\$39 000	\$47 600	\$64 300	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	3 008	6	51	204	317	574	1 058	427	371	167
10 to 14 percent -----	2 577	—	6	60	248	322	1 179	524	238	178
15 to 19 percent -----	1 549	—	15	65	168	270	585	293	153	172
20 to 24 percent -----	1 104	—	7	65	107	184	393	188	160	174
25 to 29 percent -----	756	—	—	12	87	130	307	143	77	174
30 to 34 percent -----	408	—	—	37	47	54	145	98	27	173
35 percent or more -----	1 581	—	—	21	143	217	663	333	204	181
Not computed -----	72	—	4	7	20	23	18	—	—	130
Median -----	14.8	10—	10—	12.3	14.9	14.7	14.7	15.9	15.2	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> -----	<b>11 055</b>	<b>6</b>	<b>83</b>	<b>471</b>	<b>1 137</b>	<b>1 774</b>	<b>4 348</b>	<b>2 006</b>	<b>1 230</b>	<b>174</b>
Steam or hot water system -----	6 383	—	6	77	382	817	2 782	1 475	844	184
Central warm-air furnace or electric heat pump -----	2 908	—	18	98	368	648	1 110	371	295	165
Other built-in electric units -----	564	—	—	44	60	78	218	92	72	173
Floor, wall, or pipeless furnace -----	219	—	6	20	68	52	33	32	8	132
Other means -----	981	6	53	232	259	179	205	36	11	119
<b>Air conditioning</b> -----	<b>1 999</b>	<b>9</b>	<b>40</b>	<b>146</b>	<b>306</b>	<b>306</b>	<b>788</b>	<b>423</b>	<b>287</b>	<b>182</b>
Central system -----	31	—	—	—	7	—	17	—	7	175
1 or more individual room units -----	1 968	—	9	40	139	306	771	423	280	182
<b>House heating fuel</b> -----	<b>11 055</b>	<b>6</b>	<b>83</b>	<b>471</b>	<b>1 137</b>	<b>1 774</b>	<b>4 348</b>	<b>2 006</b>	<b>1 230</b>	<b>174</b>
Utility gas -----	302	—	13	10	39	71	84	43	42	161
Bottled, tank, or LP gas -----	111	—	—	11	35	12	40	13	—	145
Electricity -----	584	—	—	51	67	78	218	92	78	172
Fuel oil, kerosene, etc. -----	9 551	—	24	290	881	1 508	3 902	1 836	1 110	177
Other -----	507	6	46	109	115	105	104	22	—	120



Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	42 282	3 673	4 530	6 639	10 478	16 962	25 950	1 888	2 834	2 145	4 613	14 470
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	31 064	2 895	3 571	5 171	7 743	11 684	8 241	602	862	827	1 617	4 333
15 to 24 years	558	74	92	114	150	128	1 388	82	198	70	396	642
25 to 34 years	6 122	1 188	938	660	1 301	2 035	2 795	210	280	326	550	1 429
35 to 44 years	6 800	691	1 215	1 387	1 147	2 360	1 110	47	84	126	238	615
45 to 64 years	12 578	761	1 055	2 420	3 583	4 759	1 669	77	141	136	259	1 056
65 years and over	5 006	181	271	590	1 562	2 402	1 279	186	159	169	174	591
Male householder, no wife present	2 809	258	239	415	698	1 199	5 954	269	457	352	935	3 941
15 to 24 years	95	17	26	11	24	17	1 485	68	74	84	393	866
25 to 34 years	682	108	36	133	180	225	2 189	100	178	183	300	1 428
35 to 44 years	417	75	52	71	94	125	581	47	36	20	95	383
45 to 64 years	813	51	92	129	201	340	882	19	52	27	93	691
65 years and over	802	7	33	71	199	492	817	35	117	38	54	573
Female householder, no husband present	8 409	520	720	1 053	2 037	4 079	11 755	1 017	1 515	966	2 061	6 196
15 to 24 years	88	6	16	28	22	16	2 031	84	202	194	547	1 004
25 to 34 years	812	136	118	72	185	301	2 846	149	245	240	575	1 637
35 to 44 years	883	113	147	148	203	272	1 013	67	127	96	211	512
45 to 64 years	3 053	176	292	482	832	1 271	2 216	169	262	174	348	1 263
65 years and over	3 573	89	147	323	795	2 219	3 649	548	679	262	380	1 780
Median age	51.0	37.8	41.6	49.1	54.2	54.8	35.8	55.1	44.8	34.6	30.4	36.3
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 825	1 191	499	485	565	1 085	11 613	1 131	935	878	2 248	6 421
1975 to 1978	10 524	2 482	1 317	1 394	2 176	3 155	8 132	757	1 164	733	1 384	4 094
1970 to 1974	7 518	—	2 714	1 214	1 255	2 335	3 227	—	735	294	525	1 673
1960 to 1969	9 618	—	—	3 546	2 474	3 598	1 672	—	—	240	264	1 168
1959 or earlier	10 797	—	—	—	4 008	6 789	1 306	—	—	—	192	1 114
<b>ROOMS</b>												
1 room	59	10	11	4	16	18	1 621	20	322	129	94	1 056
2 rooms	112	22	—	16	19	55	2 442	304	338	172	299	1 329
3 rooms	730	56	101	160	172	241	5 485	590	507	369	1 028	2 991
4 rooms	5 549	680	698	1 027	1 635	1 509	6 975	641	980	694	1 438	3 222
5 rooms	9 413	1 007	1 151	1 478	2 830	2 947	5 147	226	431	461	1 121	2 908
6 rooms	11 599	675	1 109	1 899	3 339	4 577	2 623	70	169	205	387	1 792
7 or more rooms	14 820	1 223	1 460	2 055	2 467	7 615	1 657	37	87	115	246	1 172
Median	6.0	5.6	5.8	5.8	5.7	6.3	4.0	3.5	3.8	4.1	4.1	4.1
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	41 848	3 660	4 510	6 633	10 374	16 671	25 000	1 856	2 767	2 016	4 505	13 856
0.50 or less	27 140	2 025	2 305	4 068	7 016	11 726	16 002	1 418	1 608	1 182	2 745	9 049
0.51 to 1.00	14 163	1 604	2 129	2 431	3 252	4 747	8 405	425	1 077	731	1 656	4 516
1.01 to 1.50	482	18	70	121	100	173	474	6	75	71	83	239
1.51 or more	63	13	6	17	6	25	119	7	7	32	21	52
Lacking complete plumbing for exclusive use	434	13	20	6	104	291	950	32	67	129	108	614
0.50 or less	278	13	4	—	55	206	365	28	46	51	41	199
0.51 to 1.00	144	—	9	6	44	85	545	4	21	59	57	404
1.01 to 1.50	12	—	7	—	5	—	14	—	—	—	10	4
1.51 or more	—	—	—	—	—	—	26	—	—	19	—	7
<b>PERSONS IN UNIT</b>												
1 person	6 018	362	432	815	1 485	2 924	10 827	954	1 330	720	1 514	6 309
2 persons	14 110	1 020	1 170	2 192	4 049	5 679	8 323	656	806	737	1 619	4 505
3 persons	8 115	869	826	1 204	2 230	2 986	3 244	157	304	332	811	1 640
4 persons	7 790	904	1 204	1 225	1 646	2 811	2 096	97	247	191	417	1 144
5 persons	4 132	383	689	834	669	1 557	919	13	79	82	197	548
6 or more persons	2 117	135	209	369	399	1 005	541	11	68	83	55	324
Median	2.62	3.02	3.30	2.76	2.43	2.48	1.76	1.49	1.61	1.98	1.99	1.71
Total persons	124 608	11 522	14 749	20 280	28 274	49 783	53 772	3 257	5 550	4 773	10 338	29 854
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	36 836	3 130	3 812	6 088	10 143	13 663	4 104	216	454	657	1 111	1 666
2	2 593	31	49	36	224	2 253	5 061	65	151	197	1 185	3 463
3 and 4	789	19	15	9	14	732	5 511	235	271	310	1 074	3 621
5 to 9	219	8	16	5	—	190	4 557	340	406	273	793	2 745
10 to 49	161	6	20	30	22	83	3 981	472	749	264	391	2 105
50 or more	110	51	14	6	10	29	2 480	502	763	372	25	818
Mobile home or trailer, etc.	1 574	428	604	465	65	12	256	58	40	72	34	52
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	42 272	3 673	4 520	6 639	10 478	16 962	25 934	1 888	2 834	2 145	4 608	14 459
Steam or hot water system	22 953	428	1 907	4 489	5 722	10 407	15 166	444	1 177	1 001	2 356	10 188
Central warm-air furnace or electric heat pump	9 798	565	907	1 139	3 322	3 865	4 282	245	462	444	1 299	1 832
Other built-in electric units	4 102	1 886	1 186	306	280	444	3 780	1 106	996	472	313	893
Floor, wall, or pipeless furnace	556	19	42	68	145	282	491	34	52	98	137	170
Other means	4 863	775	478	637	1 009	1 964	2 215	59	147	130	503	1 376
Air conditioning	8 609	799	1 076	1 621	2 277	2 836	2 537	398	518	206	310	1 105
Central system	342	123	72	72	36	39	319	71	98	40	17	93
1 or more individual room units	8 267	676	1 004	1 549	2 241	2 797	2 218	327	420	166	293	1 012
House heating fuel	42 272	3 673	4 520	6 639	10 478	16 962	25 934	1 888	2 834	2 145	4 608	14 459
Utility gas	1 057	—	6	58	361	632	2 550	125	408	248	642	1 127
Bottled, tank, or LP gas	288	21	26	41	64	136	401	15	13	41	142	190
Electricity	4 414	2 049	1 273	323	297	472	4 406	1 248	1 141	580	412	1 025
Fuel oil, kerosene, etc.	32 694	869	2 781	5 702	8 992	14 350	18 061	471	1 239	1 232	3 286	11 833
Other	3 819	734	434	515	764	1 372	516	29	33	44	126	284
Income in 1979 below poverty level	2 178	136	178	310	478	1 076	5 515	491	532	477	890	3 125
Percent below poverty level	5.2	3.7	3.9	4.7	4.6	6.3	21.3	26.0	18.8	22.2	19.3	21.6
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	2 657	134	169	318	608	1 428	6 096	676	822	483	805	3 310
\$5,000 to \$9,999	5 173	262	426	660	1 342	2 483	7 259	449	762	481	1 328	4 239
\$10,000 to \$12,499	3 316	240	326	398	905	1 447	3 040	62	290	271	644	1 773
\$12,500 to \$14,999	3 303	314	325	495	819	1 350	2 366	131	231	247	513	1 244
\$15,000 to \$19,999	7 399	719	784	1 083	2 022	2 791	3 509	234	331	293	691	1 960
\$20,000 to \$24,999	6 966	619	770	1 141	1 826	2 610	1 901	132	235	231	322	981
\$25,000 to \$34,999	8 164	845	1 026	1 436	1 916	2 941	1 284	160	120	93	220	691
\$35,000 to \$49,999	3 456	344	425	782	742	1 163	353	36	26	24	55	212
\$50,000 or more	1 848	196	279	326	298	749	142	8	17	22	35	60
Median	\$19 507	\$21 258	\$21 221	\$21 360	\$18 867	\$18 062	\$9 727	\$7 527	\$8 856	\$11 001	\$10 674	\$9 615
Mean	\$22 017	\$24 305	\$24 054	\$24 146	\$20 653	\$20 987	\$11 550	\$11 205	\$11 066	\$12 427	\$12 111	\$11 381

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

## The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units.....	42 282	36 836	3 872	1 574	25 950	4 104	5 061	5 511	4 557	3 981	2 480	256
Condominium housing units.....	415	210	205	—	142	45	—	15	30	31	21	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	31 064	27 672	2 526	866	8 241	2 026	2 228	1 756	1 115	719	318	79
15 to 24 years.....	558	358	69	131	1 388	242	353	389	291	75	24	14
25 to 34 years.....	6 122	5 454	475	193	2 795	735	797	592	327	260	51	33
35 to 44 years.....	6 800	6 256	419	125	1 110	393	317	193	141	49	12	5
45 to 64 years.....	12 578	11 294	1 005	279	1 669	472	487	324	168	154	47	17
65 years and over.....	5 006	4 310	558	138	1 279	184	274	258	188	181	184	10
Male householder, no wife present.....	2 809	2 266	355	188	5 954	751	752	1 177	1 375	1 307	542	50
15 to 24 years.....	95	76	—	19	1 485	140	176	307	461	326	60	15
25 to 34 years.....	682	538	120	24	2 189	377	288	455	527	421	114	7
35 to 44 years.....	417	335	47	35	581	85	93	166	96	93	38	10
45 to 64 years.....	813	650	87	82	882	73	53	150	198	243	147	18
65 years and over.....	802	667	107	28	817	76	142	99	93	224	183	—
Female householder, no husband present.....	8 409	6 898	991	520	11 755	1 327	2 081	2 578	2 067	1 955	1 620	127
15 to 24 years.....	88	67	10	11	2 031	198	319	409	495	441	147	22
25 to 34 years.....	812	586	135	91	2 846	341	546	797	685	390	77	10
35 to 44 years.....	883	735	85	63	1 013	189	289	196	148	98	42	51
45 to 64 years.....	3 053	2 582	269	202	2 216	248	469	536	329	371	229	34
65 years and over.....	3 573	2 928	492	153	3 649	351	458	640	410	655	1 125	10
Median age.....	51.0	50.8	54.7	49.3	35.8	35.3	35.6	33.5	30.4	38.3	70.0	38.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	3 825	2 994	434	397	11 613	1 678	1 908	2 581	2 386	1 942	978	140
1975 to 1978.....	10 524	9 013	913	598	8 132	1 199	1 826	1 826	1 349	1 333	785	95
1970 to 1974.....	7 518	6 663	470	385	3 227	644	681	516	466	393	515	12
1960 to 1969.....	9 618	8 693	748	177	1 672	257	532	323	216	187	155	5
1959 or earlier.....	10 797	9 473	1 307	17	1 306	326	395	265	143	126	47	4
<b>ROOMS</b>												
1 room.....	59	41	—	18	1 621	37	19	103	225	444	793	—
2 rooms.....	112	57	25	30	2 442	54	53	379	564	610	776	6
3 rooms.....	730	514	144	72	5 485	379	513	1 335	1 445	1 227	520	66
4 rooms.....	5 549	3 985	720	844	6 975	935	1 642	1 491	1 222	1 259	296	130
5 rooms.....	9 413	7 770	1 135	508	5 147	1 038	1 579	1 254	801	354	75	46
6 rooms.....	11 599	10 642	894	63	2 623	797	841	642	215	64	12	—
7 or more rooms.....	14 820	13 827	954	39	1 657	864	414	255	85	23	8	8
Median.....	6.0	6.1	5.4	4.3	4.0	5.1	4.7	4.1	3.5	3.3	2.1	3.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use.....	41 848	36 575	3 721	1 552	25 000	4 004	4 972	5 387	4 462	3 690	2 235	250
0.50 or less.....	27 140	23 491	2 627	1 022	16 002	2 393	3 026	3 523	2 983	2 621	1 319	137
0.51 to 1.00.....	14 163	12 635	1 025	503	8 405	1 485	1 813	1 743	1 369	1 027	868	100
1.01 to 1.50.....	482	393	69	20	119	109	111	113	86	25	17	13
1.51 or more.....	63	56	—	7	47	17	22	8	24	17	31	—
Lacking complete plumbing for exclusive use.....	434	261	151	22	950	100	89	124	95	291	245	6
0.50 or less.....	278	185	93	—	365	67	43	60	32	98	59	6
0.51 to 1.00.....	144	71	58	15	545	26	46	50	63	186	174	—
1.01 to 1.50.....	12	5	—	7	14	—	—	14	—	—	—	—
1.51 or more.....	—	—	—	—	26	7	—	—	—	7	12	—
<b>BEDROOMS</b>												
None.....	59	41	—	18	1 969	37	25	149	300	541	917	—
1.....	2 154	1 522	510	122	9 134	609	965	2 108	2 236	1 978	1 182	56
2.....	11 911	9 287	1 568	1 056	9 616	1 482	2 605	2 168	1 538	1 305	355	163
3.....	18 582	17 040	1 184	358	3 964	1 326	1 179	878	405	125	14	37
4.....	7 616	7 203	399	14	1 012	477	255	187	57	32	4	—
5 or more.....	1 960	1 743	211	6	255	173	32	21	21	—	8	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000.....	2 657	2 205	234	218	6 096	718	888	1 111	908	1 052	1 335	84
\$5,000 to \$9,999.....	5 173	4 329	598	246	7 259	977	1 137	1 535	1 521	1 335	701	53
\$10,000 to \$12,499.....	3 316	2 736	373	207	3 040	492	713	736	648	329	104	18
\$12,500 to \$14,999.....	3 303	2 787	320	196	2 366	365	486	599	411	368	101	36
\$15,000 to \$19,999.....	7 399	6 380	649	370	3 509	653	899	798	569	458	85	47
\$20,000 to \$24,999.....	6 966	6 132	632	202	1 901	465	496	401	276	175	75	13
\$25,000 to \$34,999.....	8 164	7 305	744	115	1 284	309	342	275	153	181	19	5
\$35,000 to \$49,999.....	3 456	3 254	182	20	353	85	78	49	43	63	35	—
\$50,000 or more.....	1 848	1 708	140	—	142	40	22	7	28	20	25	—
Median.....	\$19 507	\$19 985	\$17 836	\$13 980	\$9 727	\$11 814	\$11 772	\$10 372	\$9 498	\$8 317	\$4 785	\$7 750
Mean.....	\$22 017	\$22 522	\$20 420	\$14 135	\$11 550	\$13 624	\$13 138	\$11 548	\$11 057	\$10 637	\$7 426	\$9 880
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	42 272	36 830	3 872	1 570	25 934	4 098	5 061	5 511	4 552	3 976	2 480	256
Steam or hot water system.....	22 953	20 137	2 713	103	15 166	1 572	2 800	3 415	3 054	2 631	1 664	30
Central warm-air furnace or electric heat pump.....	9 798	8 048	570	1 180	4 282	1 240	1 336	601	324	351	266	164
Other built-in electric units.....	4 102	3 707	279	116	3 780	463	345	762	922	847	491	—
Floor, wall, or pipeless furnace.....	556	475	21	60	491	174	90	63	35	40	59	30
Other means.....	4 863	4 463	289	111	2 215	649	490	670	217	107	50	32
Air conditioning.....	8 609	7 327	857	425	2 537	398	408	368	295	488	533	47
Central system.....	342	201	108	33	319	27	18	19	43	77	117	18
Vehicles available.....	40 042	35 103	3 468	1 471	18 250	3 466	4 061	4 028	3 212	2 482	800	201
1 or more.....	16 131	13 546	1 725	860	12 988	1 942	2 759	2 959	2 571	1 951	659	147
House heating fuel.....	23 911	21 557	1 743	611	5 262	1 524	1 302	1 069	641	331	141	54
Utility gas.....	42 272	36 830	3 872	1 570	25 934	4 098	5 061	5 511	4 552	3 976	2 480	256
Bottled, tank, or LP gas.....	1 057	854	203	—	2 550	386	609	511	335	249	383	—
Electricity.....	288	227	17	44	401	79	80	111	51	65	15	—
Fuel oil, kerosene, etc.....	4 414	3 956	335	123	4 406	547	412	876	1 007	1 007	557	—
Other.....	32 694	28 121	3 182	1 391	18 061	2 750	3 869	3 913	3 122	2 631	1 540	236
Water heating fuel.....	3 819	3 672	135	12	516	91	23	23	37	24	35	5
Utility gas.....	42 199	36 762	3 872	1 565	25 744	4 059	5 061	5 511	4 557	3 939	2 367	250
Bottled, tank, or LP gas.....	2 150	1 663	462	25	4 069	500	1 105	1 002	618	366	478	—
Electricity.....	1 165	1 044	61	60	781	222	203	147	75	84	35	15
Fuel oil, kerosene, etc.....	16 248	13 911	958	1 379	7 735	1 778	1 373	1 510	1 192	1 166	498	218
Other.....	22 372	19 905	2 372	95	13 072	1 530	2 368	2 852	2 645	2 304	1 356	17
Family householder.....	35 346	31 316	2 909	1 121	12 247	2 728	3 251	2 793	1 708	1 172	453	142
With own children under 18 years.....	17 374	15 796	1 103	475	6 522	1 702	1 918	1 509	752	466	95	80
With own children under 6 years.....	5 978	5 337	399	242	3 394	874	981	817	388	231	60	43
Female householder, no husband present.....	3 614	3 118	289	207	3 480	603	952	882	491	377	119	56
With own children under 18 years.....	1 623	1 383	116	124	2 540	474	714	691	326	250	33	52
With own children under 6 years.....	305	235	38	32	1 001	211	247	276	120	116	9	22
Nonfamily householder.....	6 936	5 520	963	453	13 703	1 376	1 810	2 118	2 849	2 809	2 027	114
Income in 1979 below poverty level.....	2 178	1 795	183	200	5 515	807	937	1 719	930	827	824	71
Percent below poverty level.....	5.2	4.9	4.7	12.7	21.3	19.7	18.5	20.3	20.4	20.8	33.2	27.7



Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b> .....	<b>42 282</b>	<b>6 018</b>	<b>14 110</b>	<b>8 115</b>	<b>7 790</b>	<b>4 132</b>	<b>1 469</b>	<b>440</b>	<b>208</b>	<b>2.62</b>	<b>124 608</b>
Nonrelatives present .....	1 823	—	755	439	250	182	95	49	53	2.86	6 136
<b>ROOMS</b> .....											
1 to 3 rooms .....	901	377	366	98	36	24	—	—	—	1.70	1 661
4 rooms .....	5 549	1 430	2 741	873	383	105	11	—	6	1.99	11 744
5 rooms .....	9 413	1 522	3 852	1 815	1 512	535	123	42	12	2.33	24 721
6 rooms .....	11 599	1 422	3 666	2 373	2 321	1 277	428	77	35	2.80	35 078
7 rooms .....	7 370	677	1 911	1 558	1 743	979	368	96	38	3.20	24 269
8 or more rooms .....	7 450	590	1 574	1 398	1 795	1 212	539	225	117	3.59	27 135
Median .....	6.0	5.3	5.5	6.0	6.3	6.6	7.0	7.6	7.8	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	41 848	5 865	13 990	8 037	7 751	4 109	1 464	435	197	2.63	123 483
1.00 or less .....	41 303	5 865	13 990	8 021	7 715	3 987	1 330	321	74	2.60	120 180
1.01 to 1.50 .....	482	—	—	10	26	98	134	114	100	6.30	3 002
1.51 or more .....	63	—	—	6	10	24	—	—	23	5.15	301
Lacking complete plumbing for exclusive use .....	434	153	120	78	39	23	5	5	11	2.03	1 125
1.00 or less .....	422	153	120	78	39	16	5	—	11	1.98	1 030
1.01 to 1.50 .....	12	—	—	—	7	—	—	5	—	5.36	95
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	36 836	4 825	11 932	7 301	7 076	3 814	1 319	403	166	2.73	108 977
2 or more .....	3 872	792	1 529	561	523	249	146	30	42	2.25	11 840
Mobile home or trailer, etc. ....	1 574	401	649	253	191	69	4	7	—	2.09	3 791
<b>VALUE</b> .....											
Specified owner-occupied housing units .....	<b>33 051</b>	<b>4 327</b>	<b>10 643</b>	<b>6 524</b>	<b>6 431</b>	<b>3 500</b>	<b>1 131</b>	<b>362</b>	<b>133</b>	<b>2.74</b>	<b>96 634</b>
Less than \$10,000 .....	238	74	78	59	16	6	5	—	—	2.08	556
\$10,000 to \$19,999 .....	1 386	387	537	191	156	67	26	12	10	2.07	3 311
\$20,000 to \$29,999 .....	3 929	871	1 392	754	426	274	91	76	45	2.29	10 011
\$30,000 to \$39,999 .....	7 423	1 048	2 583	1 492	1 304	661	207	91	37	2.55	20 541
\$40,000 to \$49,999 .....	8 363	1 013	2 627	1 690	1 717	904	320	66	26	2.82	24 801
\$50,000 to \$59,999 .....	4 392	370	1 442	887	942	476	222	44	9	2.93	13 650
\$60,000 to \$79,999 .....	4 636	392	1 273	932	1 173	666	141	59	—	3.20	14 849
\$80,000 to \$99,999 .....	1 381	84	365	286	371	214	47	8	6	3.34	4 488
\$100,000 to \$149,999 .....	959	54	250	175	250	193	31	6	—	3.50	3 286
\$150,000 or more .....	344	34	96	58	76	39	41	—	—	3.22	1 141
Median .....	\$43 800	\$37 900	\$42 300	\$44 400	\$47 500	\$48 100	\$47 700	\$40 300	\$31 900	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	<b>42 282</b>	<b>6 018</b>	<b>14 110</b>	<b>8 115</b>	<b>7 790</b>	<b>4 132</b>	<b>1 469</b>	<b>440</b>	<b>208</b>	<b>2.62</b>	<b>124 608</b>
Median income .....	\$19 507	\$8 494	\$17 471	\$21 759	\$22 985	\$24 646	\$25 849	\$28 974	\$26 042	...	...
Median selected monthly owner costs as percentage of household income .....	19.2	29.8	17.7	17.9	19.3	18.7	18.1	15.4	14.8	...	...
With a mortgage .....	20.7	30.4	20.5	20.3	20.4	19.7	18.6	16.3	20.2	...	...
Not mortgaged .....	14.8	29.3	14.3	11.3	10—	10—	11.0	10—	10—	...	...
Income in 1979 below poverty level .....	<b>2 178</b>	<b>829</b>	<b>496</b>	<b>251</b>	<b>241</b>	<b>212</b>	<b>103</b>	<b>20</b>	<b>26</b>	<b>2.02</b>	<b>...</b>
Median income .....	\$3 493	\$2 859	\$3 269	\$3 829	\$4 935	\$5 714	\$8 211	\$6 786	\$12 321	...	...
Median selected monthly owner costs as percentage of household income .....	50+	50+	50+	50+	50+	50+	50+	45.0	31.3	...	...
With a mortgage .....	50+	50+	50+	50+	50+	50+	50+	45.0	31.3	...	...
Not mortgaged .....	50+	50+	50+	45.0	49.2	25.5	50+	45.0	—	...	...
<b>Renter-occupied housing units</b> .....	<b>25 950</b>	<b>10 827</b>	<b>8 323</b>	<b>3 244</b>	<b>2 096</b>	<b>919</b>	<b>295</b>	<b>180</b>	<b>66</b>	<b>1.76</b>	<b>53 772</b>
Nonrelatives present .....	3 524	—	2 471	536	268	121	62	59	7	2.21	8 963
<b>ROOMS</b> .....											
1 room .....	1 621	1 516	92	13	—	—	—	—	—	1.03	1 723
2 rooms .....	2 442	2 007	406	29	—	—	—	—	—	1.11	2 940
3 rooms .....	5 485	3 424	1 738	237	67	13	—	—	6	1.30	7 971
4 rooms .....	6 975	2 329	2 920	1 081	514	116	5	10	—	1.90	14 145
5 rooms .....	5 147	918	1 936	1 110	686	311	148	27	11	2.36	13 491
6 rooms .....	2 623	438	770	497	480	261	96	61	20	2.71	7 894
7 or more rooms .....	1 657	195	461	277	349	218	46	82	29	3.12	5 608
Median .....	4.0	3.1	4.2	4.7	5.2	5.6	5.5	6.4	6.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....											
Complete plumbing for exclusive use .....	25 000	10 155	8 146	3 219	2 030	919	295	170	66	1.79	52 336
1.00 or less .....	24 407	10 155	8 073	3 188	1 963	790	142	82	14	1.75	49 365
1.01 to 1.50 .....	474	—	—	25	67	116	153	78	35	5.69	2 541
1.51 or more .....	119	—	73	6	—	13	—	10	17	2.32	430
Lacking complete plumbing for exclusive use .....	950	672	177	25	66	—	—	10	—	1.21	1 436
1.00 or less .....	910	672	158	14	66	—	—	—	—	1.18	1 300
1.01 to 1.50 .....	14	—	—	4	—	—	—	10	—	6.80	68
1.51 or more .....	26	—	19	7	—	—	—	—	—	2.18	68
<b>UNITS IN STRUCTURE</b> .....											
1, detached or attached .....	4 104	915	1 352	738	617	269	89	91	33	2.34	11 244
2 .....	5 061	1 348	1 630	1 006	706	282	55	21	13	2.23	12 712
3 and 4 .....	5 511	2 126	1 840	721	426	251	92	35	20	1.84	11 608
5 to 9 .....	4 557	2 125	1 632	445	216	75	40	24	—	1.59	8 305
10 to 49 .....	3 981	2 263	1 348	246	75	30	19	—	—	1.38	6 226
50 or more .....	2 480	1 956	445	42	29	8	—	—	—	1.13	3 083
Mobile home or trailer, etc. ....	256	94	76	46	27	4	—	9	—	1.95	594
<b>GROSS RENT</b> .....											
Specified renter-occupied housing units .....	<b>25 493</b>	<b>10 690</b>	<b>8 173</b>	<b>3 166</b>	<b>2 050</b>	<b>899</b>	<b>283</b>	<b>169</b>	<b>63</b>	<b>1.75</b>	<b>52 493</b>
Less than \$100 .....	2 009	1 523	238	108	65	31	26	18	—	1.16	3 126
\$100 to \$149 .....	1 674	1 025	435	51	101	31	13	6	12	1.32	2 813
\$150 to \$199 .....	3 621	2 131	970	237	182	73	—	21	7	1.35	6 055
\$200 to \$249 .....	5 844	2 633	1 896	724	405	143	37	6	—	1.65	11 376
\$250 to \$299 .....	5 078	1 508	2 008	840	422	210	69	15	6	2.01	11 096
\$300 to \$349 .....	3 495	871	1 329	602	467	152	42	32	—	2.16	8 210
\$350 to \$399 .....	1 516	272	634	300	135	107	38	22	8	2.27	3 916
\$400 to \$499 .....	958	226	273	134	158	88	41	26	12	2.43	2 643
\$500 or more .....	242	72	50	38	44	15	11	12	—	2.48	668
No cash rent .....	1 056	429	340	132	71	49	6	11	18	1.79	2 590
Median .....	\$242	\$208	\$259	\$273	\$278	\$284	\$296	\$320	\$265	...	...
<b>SELECTED CHARACTERISTICS</b> .....											
All income levels in 1979 .....	<b>25 950</b>	<b>10 827</b>	<b>8 323</b>	<b>3 244</b>	<b>2 096</b>	<b>919</b>	<b>295</b>	<b>180</b>	<b>66</b>	<b>1.76</b>	<b>53 772</b>
Median income .....	\$9 727	\$6 534	\$12 361	\$12 316	\$13 239	\$14 829	\$10 724	\$9 545	\$16 346	...	...
Median gross rent as percentage of household income .....	27.9	31.6	24.7	26.1	25.1	23.8	36.0	27.1	21.3	...	...
Income in 1979 below poverty level .....	<b>5 515</b>	<b>2 575</b>	<b>1 287</b>	<b>655</b>	<b>505</b>	<b>228</b>	<b>140</b>	<b>106</b>	<b>19</b>	<b>1.64</b>	<b>...</b>
Median income .....	\$3 572	\$3 041	\$3 901	\$4 026	\$4 349	\$6 161	\$7 617	\$6 742	\$11 250	...	...
Median gross rent as percentage of household income .....	50+	50+	50+	50+	50+	50+	45.2	50+	14.3	...	...



Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

The SMSA																
Total	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
	558	6 122	6 800	12 578	5 006	95	682	417	813	802	88	812	883	3 053	3 573	
Owner-occupied housing units																
PERSONS IN UNIT																
6 018	—	—	—	—	—	39	375	219	480	602	40	210	112	1 444	2 497	65.5
14 110	1 261	438	5 357	4 084	—	30	177	121	219	164	37	240	214	822	673	60.2
8 115	1 687	973	3 183	708	—	13	79	29	70	27	5	224	230	427	273	48.3
7 790	2 224	2 575	2 072	1 49	—	6	46	17	15	9	6	105	220	207	67	39.2
4 132	1 933	1 106	881	48	—	—	—	—	21	—	—	23	109	33	33	40.7
2 117	15	192	860	17	—	7	5	8	8	—	—	10	44	30	44.2	...
2.53	3.55	4.27	2.79	2.11	—	1.78	1.41	1.45	1.35	1.17	1.61	2.32	3.00	1.60	1.22	...
124 608	21 956	29 692	39 226	11 279	—	246	1 195	798	1 376	1 075	170	1 964	2 762	5 880	5 345	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
41 848	6 095	6 784	12 483	4 902	—	95	657	412	799	774	88	812	883	3 023	3 483	50.9
545	79	234	169	104	—	—	—	8	—	28	—	—	17	11	15	42.4
434	27	16	95	12	—	—	25	5	14	—	—	—	—	30	90	65.2
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.7
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
33 051	5 121	5 566	10 024	3 756	—	66	491	307	549	551	61	568	680	2 324	2 654	50.4
21 996	4 966	5 312	6 714	2 725	—	56	429	276	309	326	56	533	564	1 214	1 403	42.2
5 256	1 478	1 437	2 682	1 039	—	12	40	42	90	18	—	—	37	176	48	47.8
15 to 19 percent	5 103	1 681	1 428	1 800	105	14	30	47	75	5	—	79	53	215	22	38.0
20 to 24 percent	4 230	1 361	1 079	910	151	18	144	93	33	12	6	49	92	166	32	36.7
25 to 29 percent	2 655	975	659	469	72	12	102	35	39	6	14	55	76	169	26	38.5
30 to 34 percent	1 533	438	399	263	42	—	38	11	15	—	6	44	90	103	38	43.0
35 percent or more	3 158	546	482	503	216	—	75	48	57	85	30	255	196	378	237	39.5
Not computed	61	18	—	6	—	—	—	—	—	—	—	10	20	7	—	...
Median	20.7	23.1	19.2	16.9	23.9	20.6	25.0	22.6	19.3	42.3	42.2	34.3	30.8	26.4	40.0	45.5
Not mortgaged	11 055	155	254	3 310	3 031	10	62	31	240	425	5	35	116	1 110	2 251	59.5
Less than 10 percent	3 008	49	144	1 753	564	—	15	8	67	76	—	—	20	16	141	59.5
10 to 14 percent	2 577	54	62	838	887	—	27	11	81	55	—	15	25	263	259	64.0
15 to 19 percent	1 549	32	24	313	548	3	20	12	21	52	5	—	3	188	311	67.3
20 to 24 percent	1 104	5	17	163	381	—	—	—	37	55	—	—	20	155	271	69.6
25 to 29 percent	756	5	7	52	336	—	—	—	8	46	—	—	5	112	185	70.1
30 to 34 percent	408	—	—	54	85	—	—	—	—	46	—	—	6	38	179	71.4
35 percent or more	1 581	5	—	137	223	7	—	—	22	87	—	—	41	180	869	71.2
Not computed	72	—	—	—	—	—	—	—	4	8	—	—	—	12	36	74.3
Median	14.8	12.4	10—	10—	15.6	50+	13.0	13.4	13.1	22.3	17.5	10—	23.5	18.6	28.4	...
Renter-occupied housing units																
PERSONS IN UNIT																
10 827	—	—	—	—	—	682	1 420	396	663	720	880	1 093	257	1 516	3 200	53.3
8 323	1 093	277	750	1 153	—	656	617	115	175	82	821	918	196	402	400	30.9
3 244	719	190	353	88	—	104	122	20	26	12	228	456	248	130	49	29.9
2 096	659	327	259	38	—	29	30	30	—	3	71	229	157	106	—	33.5
919	251	194	189	—	—	14	—	11	12	—	27	96	60	29	—	36.3
541	73	122	118	—	—	—	—	9	6	—	4	54	95	33	—	38.9
Median	2.55	2.92	2.74	2.05	—	1.59	1.27	1.23	1.17	1.07	1.67	1.86	2.72	1.23	1.07	...
53 772	8 904	4 166	5 326	2 672	—	2 430	3 104	904	1 217	897	3 848	5 948	2 885	3 443	4 171	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
25 000	2 739	1 100	1 662	1 256	—	1 395	2 097	529	769	773	1 923	2 752	985	2 131	3 518	35.8
593	132	106	67	12	—	7	7	6	10	—	3	85	40	32	14	35.5
950	56	10	7	23	—	90	92	52	113	44	108	94	28	85	131	36.9
40	—	—	—	—	—	—	—	—	—	—	17	6	10	—	—	32.5
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
25 493	2 716	1 076	1 633	1 249	—	1 478	2 127	557	872	794	2 008	2 816	1 004	2 192	3 606	35.8
3 023	92	270	347	94	—	94	332	119	245	77	121	211	125	245	185	37.0
3 501	499	189	393	153	—	198	334	76	74	77	189	283	102	245	298	33.1
3 734	526	180	233	240	—	211	364	71	67	71	218	342	108	304	613	35.5
3 192	27	123	119	162	—	222	249	58	98	86	185	407	86	309	528	34.6
2 081	209	40	64	118	—	141	201	48	56	62	175	326	72	214	247	31.5
3 389	361	92	106	239	—	255	267	68	118	110	397	396	162	348	544	34.9
5 073	205	106	155	157	—	329	333	78	182	280	659	733	320	474	950	37.7
1 300	25	106	216	88	—	28	47	39	82	36	64	118	22	134	241	49.7
27.9	22.9	20.7	19.6	27.9	—	30.0	25.2	24.5	26.7	35.8	38.0	31.6	34.4	30.2	31.2	...

**Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Male householder							Female householder						
	Total	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units .....	6 018	1 715	39	375	219	480	602	4 303	40	210	112	1 444	2 497	
PLUMBING FACILITIES														
Complete plumbing for exclusive use .....	5 865	1 655	39	350	219	473	574	4 210	40	210	112	1 423	2 425	
Lacking complete plumbing for exclusive use .....	153	60	—	25	—	7	28	93	—	—	—	21	72	
UNITS IN STRUCTURE														
1, detached or attached .....	4 825	1 416	20	313	173	386	524	3 409	40	126	82	1 178	1 983	
2 or more .....	792	179	—	56	22	44	57	613	—	52	24	155	382	
Mobile home or trailer, etc. ....	401	120	19	6	24	50	21	281	—	32	6	111	132	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 .....	1 727	259	7	22	6	67	157	1 468	18	5	13	236	1 196	
\$5,000 to \$9,999 .....	1 697	376	7	46	12	79	232	1 321	—	33	43	472	773	
\$10,000 to \$12,499 .....	757	191	12	29	13	74	63	566	15	55	5	239	252	
\$12,500 to \$14,999 .....	473	161	5	51	28	43	34	312	7	49	18	165	73	
\$15,000 to \$19,999 .....	713	299	8	121	60	59	51	414	—	45	19	217	133	
\$20,000 to \$24,999 .....	302	198	—	43	56	70	29	104	—	23	14	43	24	
\$25,000 to \$34,999 .....	223	172	—	43	44	55	30	51	—	—	—	51	—	
\$35,000 to \$49,999 .....	56	19	—	—	—	13	6	37	—	—	—	14	23	
\$50,000 or more .....	70	40	—	20	—	20	—	30	—	—	—	7	23	
Median .....	\$8 494	\$12 989	\$11 146	\$16 391	\$19 435	\$13 663	\$7 432	\$7 240	\$10 333	\$13 112	\$10 000	\$10 146	\$5 264	
Mean .....	\$11 057	\$15 812	\$10 370	\$18 946	\$18 760	\$19 977	\$9 821	\$9 161	\$7 715	\$13 388	\$11 447	\$11 461	\$7 397	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units .....	4 327	1 205	10	285	157	330	423	3 122	34	126	71	1 065	1 826	
With a mortgage .....	1 665	654	—	258	145	158	93	1 011	34	111	49	510	307	
Less than \$200 .....	244	48	—	6	—	15	27	196	—	6	10	96	84	
\$200 to \$249 .....	303	120	—	35	33	38	14	183	6	13	—	107	57	
\$250 to \$299 .....	300	87	—	24	6	38	19	213	13	—	19	102	79	
\$300 to \$349 .....	232	98	—	40	26	26	6	134	—	23	—	73	38	
\$350 to \$399 .....	176	93	—	29	24	19	21	83	—	15	8	52	8	
\$400 to \$499 .....	245	120	—	80	27	7	6	125	9	36	—	52	28	
\$500 to \$599 .....	110	52	—	44	8	—	—	58	—	18	12	15	13	
\$600 to \$749 .....	34	21	—	—	13	8	—	13	6	—	—	7	—	
\$750 or more .....	21	15	—	—	8	7	—	6	—	—	—	6	—	
Median .....	\$298	\$337	—	\$391	\$366	\$284	\$264	\$280	\$292	\$395	\$288	\$275	\$258	
Not mortgaged .....	2 662	551	10	27	12	172	330	2 111	—	15	22	555	1 519	
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$50 to \$74 .....	11	4	—	—	—	4	—	7	—	—	—	—	7	
\$75 to \$99 .....	192	74	3	19	6	24	22	118	—	—	—	19	99	
\$100 to \$124 .....	464	134	—	—	—	61	73	330	—	8	—	68	254	
\$125 to \$149 .....	511	58	7	—	—	19	32	453	—	—	11	140	302	
\$150 to \$199 .....	993	229	—	8	—	59	162	764	—	7	11	187	559	
\$200 to \$249 .....	315	22	—	—	—	—	22	293	—	—	—	94	199	
\$250 or more .....	176	30	—	—	6	5	19	146	—	—	—	47	99	
Median .....	\$158	\$151	\$132	\$93	\$175	\$124	\$162	\$160	—	\$123	\$150	\$164	\$159	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979 .....	29.8	23.7	50+	24.8	24.0	16.7	28.0	33.5	44.4	31.4	26.0	27.2	37.1	
With a mortgage .....	30.4	25.5	—	26.0	24.6	18.3	42.2	35.0	44.4	33.1	30.9	31.3	41.6	
Not mortgaged .....	29.3	20.4	50+	13.4	17.5	14.0	24.5	32.5	—	12.5	22.3	24.3	36.3	
Income in 1979 below poverty level .....	829	170	7	22	6	46	89	659	18	—	13	131	497	
Percent below poverty level .....	13.8	9.9	17.9	5.9	2.7	9.6	14.8	15.3	45.0	—	11.6	9.1	19.9	
Renter-occupied housing units .....	10 827	3 881	682	1 420	396	663	720	6 946	880	1 093	257	1 516	3 200	
PLUMBING FACILITIES														
Complete plumbing for exclusive use .....	10 155	3 540	615	1 348	344	557	676	6 615	803	1 041	257	1 445	3 069	
Lacking complete plumbing for exclusive use .....	672	341	67	72	52	106	44	331	77	52	—	71	131	
UNITS IN STRUCTURE														
1, detached or attached .....	915	333	58	166	41	20	48	582	69	74	40	120	279	
2 .....	1 348	447	65	177	48	43	114	901	61	138	68	238	396	
3 and 4 .....	2 126	710	141	263	116	108	82	1 416	176	291	25	374	550	
5 to 9 .....	2 125	871	195	371	90	142	73	1 254	265	362	44	251	332	
10 to 49 .....	2 263	983	175	329	64	195	220	1 280	185	173	49	291	582	
50 or more .....	1 956	503	37	114	27	142	183	1 453	113	50	31	208	1 051	
Mobile home or trailer, etc. ....	94	34	11	—	10	13	—	60	11	5	—	34	10	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000 .....	4 223	1 030	197	207	70	199	357	3 193	334	220	67	612	1 960	
\$5,000 to \$9,999 .....	3 522	1 269	316	466	60	181	246	2 253	419	401	100	485	848	
\$10,000 to \$12,499 .....	1 160	473	83	250	80	25	35	687	99	228	24	183	153	
\$12,500 to \$14,999 .....	642	295	31	172	27	26	39	347	21	131	18	81	96	
\$15,000 to \$19,999 .....	758	475	40	183	72	137	43	283	7	97	24	74	81	
\$20,000 to \$24,999 .....	280	174	7	82	42	43	—	106	—	4	24	63	15	
\$25,000 to \$34,999 .....	127	95	—	37	38	20	—	32	—	5	—	9	18	
\$35,000 to \$49,999 .....	50	33	8	11	—	14	—	17	—	—	—	9	8	
\$50,000 or more .....	65	37	—	12	7	18	—	28	—	7	—	—	21	
Median .....	\$6 534	\$8 580	\$7 449	\$10 370	\$12 125	\$8 800	\$5 045	\$5 538	\$6 216	\$9 230	\$8 311	\$6 420	\$4 485	
Mean .....	\$8 169	\$10 204	\$7 813	\$11 437	\$13 808	\$12 058	\$6 349	\$7 031	\$6 089	\$9 290	\$9 367	\$7 663	\$6 032	
GROSS RENT														
Specified renter-occupied housing units .....	10 690	3 798	675	1 375	382	663	703	6 892	875	1 079	257	1 503	3 178	
Less than \$100 .....	1 523	254	12	46	13	57	126	1 269	78	21	28	177	965	
\$100 to \$149 .....	1 025	450	85	71	26	128	140	575	35	56	23	119	342	
\$150 to \$199 .....	2 131	825	168	302	60	175	120	1 306	177	167	63	396	503	
\$200 to \$249 .....	2 633	1 028	205	387	120	169	147	1 605	323	390	76	359	457	
\$250 to \$299 .....	1 508	522	110	215	50	69	78	986	147	250	26	181	382	
\$300 to \$349 .....	871	331	40	161	55	41	34	540	71	106	21	133	209	
\$350 to \$399 .....	272	136	14	85	16	14	7	136	10	28	7	34	57	
\$400 to \$499 .....	226	100	5	62	16	—	17	126	13	21	8	45	39	
\$500 or more .....	72	33	8	7	—	—	18	39	—	—	—	—	39	
No cash rent .....	429	119	28	39	26	10	16	310	21	40	5	59	185	
Median .....	\$208	\$214	\$213	\$231	\$231	\$190	\$187	\$204	\$219	\$234	\$207	\$204	\$174	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979 .....	31.6	29.9	33.9	28.1	25.1	26.7	37.4	32.6	41.9	31.1	27.4	32.4	31.7	
Income in 1979 below poverty level .....	2 575	656	132	152	48	128	196	1 919	258	161	36	467	997	
Percent below poverty level .....	23.8	16.9	19.4	10.7	12.1	19.3	27.2	27.6	29.3	14.7	14.0	30.8	31.2	



Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	420	90	181	149	Vacant for rent housing units	1 817	1 029	468	320
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	13	10	—	3	1 room	238	166	44	28
4 rooms	63	13	33	17	2 rooms	163	90	41	32
5 rooms	124	13	52	59	3 rooms	453	292	90	71
6 rooms	124	26	33	65	4 rooms	455	195	147	113
7 rooms	54	6	43	5	5 rooms	303	176	95	32
8 or more rooms	42	22	20	—	6 rooms	140	79	24	37
Median	5.6	5.8	5.7	5.4	7 or more rooms	65	31	27	7
					Median	3.6	3.4	3.9	3.8
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use	402	90	166	146	Complete plumbing for exclusive use	1 780	1 011	460	309
Locking complete plumbing for exclusive use	18	—	15	3	Locking complete plumbing for exclusive use	37	18	8	11
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None	—	—	—	—	None	278	198	52	28
1	24	15	6	3	1	733	423	182	128
2	121	8	71	42	2	557	277	160	120
3	214	31	79	104	3	222	111	67	44
4	61	36	25	—	4	27	20	7	—
5 or more	—	—	—	—	5 or more	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	77	29	38	10	1975 to March 1980	54	21	21	12
1970 to 1974	38	—	33	5	1970 to 1974	149	93	24	32
1960 to 1969	32	2	18	12	1960 to 1969	134	57	39	38
1950 to 1959	17	8	—	9	1950 to 1959	95	44	28	23
1940 to 1949	48	3	27	18	1940 to 1949	128	71	20	37
1939 or earlier	208	48	65	95	1939 or earlier	1 257	743	336	178
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached	329	66	146	117	1, detached or attached	280	132	100	48
2 or more	85	24	29	32	2	226	85	97	44
Mobile home or trailer	6	—	6	—	3 and 4	361	238	59	64
<b>HEATING EQUIPMENT</b>					5 to 9	328	175	98	55
Central heating system	382	77	159	146	10 to 49	359	258	51	50
Other means	35	13	22	3	50 or more	242	136	52	54
None	3	—	—	—	Mobile home or trailer	21	5	11	5
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units	298	66	127	105	Specified vacant for rent housing units	1 817	1 029	468	320
Less than \$10,000	—	—	—	—	Less than \$100	106	50	28	28
\$10,000 to \$19,999	8	8	—	—	\$100 to \$149	225	102	44	79
\$20,000 to \$29,999	18	5	9	4	\$150 to \$199	413	185	137	91
\$30,000 to \$39,999	111	12	25	74	\$200 to \$249	518	359	109	50
\$40,000 to \$49,999	48	11	23	14	\$250 to \$299	357	219	88	50
\$50,000 to \$59,999	45	10	22	13	\$300 to \$399	148	68	58	22
\$60,000 to \$79,999	60	12	48	—	\$400 or more	50	46	—	—
\$80,000 to \$99,999	8	8	—	—	Median	\$214	\$223	\$208	\$180
\$100,000 or more	—	—	—	—					
Median	\$42 400	\$47 500	\$53 600	\$37 400					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>The SMSA</b>														
Total -----	298	—	26	159	113	—	42 400	1 817	106	638	875	148	50	214
<b>PLUMBING FACILITIES</b>														
Complete plumbing for exclusive use-----	280	—	26	141	113	—	42 700	1 780	106	609	867	148	50	215
Locking complete plumbing for exclusive use-----	18	—	—	18	—	—	37 500	37	—	29	8	—	—	121
<b>BEDROOMS</b>														
None -----	—	—	—	—	—	—	—	278	42	81	155	—	—	205
1 -----	10	—	5	3	2	—	32 500	733	36	239	385	59	14	219
2 -----	83	—	21	43	19	—	32 800	557	18	203	241	75	20	221
3 -----	160	—	—	102	58	—	41 800	222	10	110	79	7	16	167
4 -----	45	—	—	11	34	—	71 400	27	—	5	15	7	—	263
5 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1975 to March 1980 -----	59	—	—	18	41	—	63 200	54	—	12	5	27	10	319
1970 to 1974 -----	32	—	—	—	32	—	59 200	149	14	19	83	33	—	264
1960 to 1969 -----	29	—	9	3	17	—	50 700	134	—	69	33	32	—	197
1950 to 1959 -----	17	—	12	5	—	—	20 300	95	11	25	53	6	—	222
1940 to 1949 -----	39	—	—	30	9	—	34 400	128	—	96	32	—	—	182
1939 or earlier -----	122	—	5	103	14	—	37 900	1 257	81	417	669	50	40	213
<b>UNITS IN STRUCTURE</b>														
1, detached or attached -----	298	—	26	159	113	—	42 400	280	29	98	127	18	8	208
2 or more -----	...	...	...	...	...	...	...	1 516	77	530	737	130	42	215
Mobile home or trailer -----	...	...	...	...	...	...	...	21	—	10	11	—	—	251



Table B — 1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## Portland city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>8 466</b>	<b>54</b>	<b>435</b>	<b>1 170</b>	<b>2 152</b>	<b>2 336</b>	<b>1 003</b>	<b>1 035</b>	<b>165</b>	<b>110</b>	<b>6</b>	<b>41 600</b>	<b>43 700</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families .....	5 930	21	189	624	1 508	1 725	790	838	124	105	6	43 200	46 100
15 to 24 years .....	113	—	—	7	47	59	—	—	—	—	—	40 300	38 500
25 to 34 years .....	1 102	5	16	115	298	418	122	93	—	29	6	42 000	45 000
35 to 44 years .....	1 028	—	13	58	184	306	162	255	34	16	—	48 600	51 600
45 to 64 years .....	2 602	12	110	270	702	670	342	388	61	47	—	42 900	46 000
65 years and over .....	1 085	4	50	174	277	272	164	102	29	13	—	41 300	43 100
Male householder, no wife present .....	595	—	55	126	132	146	56	67	8	5	—	38 500	40 200
15 to 24 years .....	6	—	—	6	—	—	—	—	—	—	—	26 300	26 300
25 to 34 years .....	143	—	9	16	25	56	12	25	—	—	—	44 500	43 500
35 to 44 years .....	110	—	16	13	42	19	—	20	—	—	—	37 300	39 900
45 to 64 years .....	144	—	5	48	—	39	25	14	8	5	—	43 100	45 200
65 years and over .....	192	—	25	43	65	32	19	8	—	—	—	33 100	34 800
Female householder, no husband present .....	1 941	33	191	420	512	465	157	130	33	—	—	36 300	37 400
15 to 24 years .....	13	—	—	—	—	13	—	—	—	—	—	42 500	42 500
25 to 34 years .....	143	—	—	20	58	30	28	7	—	—	—	39 000	40 400
35 to 44 years .....	144	—	—	16	46	59	—	23	—	—	—	42 000	44 100
45 to 64 years .....	702	12	88	141	199	177	52	27	6	—	—	34 800	35 400
65 years and over .....	939	21	103	243	209	186	77	73	27	—	—	34 600	37 300
Median age .....	53.9	64.5	62.3	59.9	55.2	50.3	52.9	49.0	57.0	47.9	32.5	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	549	—	13	26	140	174	89	90	9	8	—	44 100	47 800
1975 to 1978 .....	1 976	5	63	191	476	650	213	292	40	46	—	43 400	46 500
1970 to 1974 .....	1 322	7	37	103	365	351	194	208	24	27	6	43 300	47 300
1960 to 1969 .....	2 053	5	103	287	526	573	245	254	47	13	—	41 700	43 700
1959 or earlier .....	2 566	37	219	563	645	588	262	191	45	16	—	37 200	38 800
<b>ROOMS</b>													
1 to 3 rooms .....	81	—	23	17	—	18	7	8	8	—	—	40 400	39 600
4 rooms .....	754	20	74	188	315	114	33	10	—	—	—	32 800	32 400
5 rooms .....	1 446	20	137	264	454	437	94	40	—	—	—	36 200	35 900
6 rooms .....	2 696	14	106	393	777	814	334	251	7	—	—	40 400	41 100
7 rooms .....	1 831	—	25	161	376	608	314	300	41	—	6	45 600	47 200
8 or more rooms .....	1 658	—	70	147	230	345	221	426	109	110	—	51 200	56 200
Median .....	6.2	4.8	5.4	5.8	5.9	6.2	6.6	7.2	8.1	8.5+	7.0	...	...
<b>BEDROOMS</b>													
None .....	21	—	—	10	—	11	—	—	—	—	—	45 200	38 600
1 .....	259	8	46	78	76	28	—	15	8	—	—	29 700	31 800
2 .....	2 129	16	134	402	749	499	189	117	23	—	—	36 800	37 900
3 .....	3 905	30	178	485	908	563	1 264	410	39	22	6	42 300	43 300
4 .....	1 605	—	54	115	382	409	206	350	54	35	—	45 800	49 700
5 or more .....	547	—	23	80	37	125	45	143	41	53	—	51 900	57 700
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980 .....	291	—	8	6	20	70	43	127	17	—	—	59 300	56 500
1970 to 1974 .....	354	7	—	—	43	94	57	118	16	13	6	56 800	59 200
1960 to 1969 .....	1 141	—	—	40	224	353	263	245	16	—	—	48 600	50 100
1950 to 1959 .....	1 447	—	41	111	444	473	177	139	23	39	—	42 000	45 600
1940 to 1949 .....	1 047	7	55	199	361	293	79	41	12	—	—	37 000	37 900
1939 or earlier .....	4 186	40	331	814	1 060	1 053	384	365	81	58	—	38 500	40 500
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	447	14	64	125	92	90	35	27	—	—	—	32 000	33 600
\$5,000 to \$9,999 .....	1 059	4	123	248	305	221	119	32	7	—	—	35 100	36 000
\$10,000 to \$12,499 .....	647	7	73	124	190	131	94	20	8	—	—	35 300	36 800
\$12,500 to \$14,999 .....	617	—	30	126	178	177	53	47	6	—	—	38 400	39 300
\$15,000 to \$19,999 .....	1 593	5	69	212	485	493	155	150	18	—	6	40 400	41 600
\$20,000 to \$24,999 .....	1 415	6	49	154	421	429	187	155	14	—	—	41 700	42 800
\$25,000 to \$34,999 .....	1 590	6	27	105	342	545	207	318	32	8	—	45 500	47 800
\$35,000 to \$49,999 .....	810	12	—	71	130	206	121	171	55	44	—	49 200	54 500
\$50,000 or more .....	288	—	—	5	9	44	32	115	25	58	—	67 300	75 300
Median .....	\$19 571	\$16 000	\$11 045	\$14 246	\$18 365	\$20 619	\$20 868	\$26 716	\$29 554	\$51 946	\$16 250	...	...
Mean .....	\$21 867	\$18 156	\$12 238	\$15 942	\$18 974	\$21 761	\$22 541	\$30 656	\$40 651	\$66 907	\$16 210	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b> .....	<b>5 212</b>	<b>12</b>	<b>169</b>	<b>503</b>	<b>1 377</b>	<b>1 581</b>	<b>607</b>	<b>810</b>	<b>78</b>	<b>69</b>	<b>6</b>	<b>42 900</b>	<b>45 800</b>
Less than 15 percent .....	1 146	12	19	141	268	359	128	169	15	35	—	43 100	46 900
15 to 19 percent .....	1 233	—	57	110	302	344	153	219	36	12	—	44 000	46 500
20 to 24 percent .....	977	—	11	71	337	268	114	159	9	8	—	42 200	46 000
25 to 29 percent .....	640	—	6	62	166	238	67	95	—	—	—	42 900	45 200
30 to 34 percent .....	383	—	16	37	75	113	40	76	18	8	—	43 900	47 900
35 percent or more .....	833	—	60	82	229	259	105	92	—	—	6	41 500	42 700
Not computed .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	21.2	10—	23.9	20.0	21.8	21.6	21.0	20.5	18.3	14.9	50+	...	...
<b>Not mortgaged</b> .....	<b>3 254</b>	<b>42</b>	<b>266</b>	<b>667</b>	<b>775</b>	<b>755</b>	<b>396</b>	<b>225</b>	<b>87</b>	<b>41</b>	<b>—</b>	<b>38 400</b>	<b>40 300</b>
Less than 10 percent .....	818	19	26	127	220	222	77	58	41	28	—	40 900	44 500
10 to 14 percent .....	782	5	70	137	166	219	90	68	22	5	—	40 500	40 600
15 to 19 percent .....	484	4	40	111	162	81	57	21	—	8	—	35 400	37 300
20 to 24 percent .....	372	—	32	73	78	54	76	41	18	—	—	40 600	43 500
25 to 29 percent .....	216	—	18	51	37	54	50	6	—	—	—	40 400	39 000
30 to 34 percent .....	108	6	7	38	26	25	6	—	—	—	—	31 400	32 200
35 percent or more .....	463	8	67	130	81	100	40	31	6	—	—	33 800	35 800
Not computed .....	11	—	6	—	5	—	—	—	—	—	—	14 600	23 900
Median .....	15.2	12.0	19.2	18.1	15.0	13.6	17.7	14.0	10.6	10—	—	...	...
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b> .....	<b>8 442</b>	<b>54</b>	<b>422</b>	<b>1 170</b>	<b>2 152</b>	<b>2 325</b>	<b>1 003</b>	<b>1 035</b>	<b>165</b>	<b>110</b>	<b>6</b>	<b>41 600</b>	<b>43 700</b>
1.01 or more persons per room .....	77	—	10	—	31	24	6	—	6	—	—	37 500	41 800
<b>Lacking complete plumbing for exclusive use</b> .....	<b>24</b>	<b>—</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>17 100</b>	<b>29 500</b>
1.01 or more persons per room .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b> .....	<b>8 466</b>	<b>54</b>	<b>435</b>	<b>1 170</b>	<b>2 152</b>	<b>2 336</b>	<b>1 003</b>	<b>1 035</b>	<b>165</b>	<b>110</b>	<b>6</b>	<b>41 600</b>	<b>43 700</b>
Central heating system .....	7 865	43	396	1 104	2 006	2 165	942	959	134	110	6	41 500	43 700
<b>Air conditioning</b> .....	<b>1 891</b>	<b>—</b>	<b>47</b>	<b>140</b>	<b>407</b>	<b>522</b>	<b>298</b>	<b>399</b>	<b>55</b>	<b>23</b>	<b>—</b>	<b>45 600</b>	<b>49 100</b>
Central system .....	53	—	—	—	—	6	14	24	9	—	—	64 600	65 200
<b>Income in 1979 below poverty level</b> .....	<b>333</b>	<b>6</b>	<b>38</b>	<b>63</b>	<b>89</b>	<b>74</b>	<b>50</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>34 700</b>	<b>36 200</b>
Percent below poverty level .....	3.9	11.1	8.7	5.4	4.1	3.2	5.0	1.3	—	—	—	...	...

Table B — 2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

<b>Portland city</b>												
	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	14 585	1 429	1 112	2 366	3 566	2 760	1 777	683	413	120	359	231
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	3 709	124	234	442	823	852	690	209	120	29	186	257
15 to 24 years.....	506	4	6	56	160	150	79	35	—	—	16	255
25 to 34 years.....	1 122	21	20	131	283	246	252	94	42	7	26	264
35 to 44 years.....	540	20	44	57	60	159	100	34	30	6	30	272
45 to 64 years.....	838	31	49	108	179	166	155	5	41	8	96	252
65 years and over.....	703	48	115	90	141	131	104	41	7	8	18	231
Male householder, no wife present.....	3 764	230	382	777	991	700	323	167	125	39	30	222
15 to 24 years.....	888	6	54	158	236	248	120	32	10	14	10	247
25 to 34 years.....	1 319	56	58	290	360	245	129	105	65	7	4	233
35 to 44 years.....	352	13	26	63	91	76	28	16	31	—	8	237
45 to 64 years.....	604	45	134	164	160	53	18	14	8	—	8	186
65 years and over.....	601	110	110	102	144	78	28	—	11	18	—	188
Female householder, no husband present.....	7 112	1 075	496	1 147	1 752	1 208	764	307	168	52	143	224
15 to 24 years.....	1 271	160	45	193	352	268	174	55	12	—	12	232
25 to 34 years.....	1 783	78	89	221	567	398	214	117	56	—	43	244
35 to 44 years.....	539	57	22	86	158	70	59	58	24	—	5	235
45 to 64 years.....	1 339	174	95	297	293	194	158	27	57	11	33	217
65 years and over.....	2 180	606	245	350	382	278	159	50	19	41	50	185
Median age.....	37.5	66.4	60.0	41.7	33.0	31.5	33.1	31.6	36.6	68.9	48.0	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	6 561	488	362	942	1 596	1 379	950	382	288	65	109	246
1975 to 1978.....	4 442	456	401	739	1 194	773	473	238	38	30	100	224
1970 to 1974.....	1 927	304	229	316	418	294	200	36	51	25	54	209
1960 to 1969.....	1 002	137	80	259	187	156	115	27	25	—	16	204
1959 or earlier.....	653	44	40	110	171	158	39	—	11	—	80	224
<b>ROOMS</b>												
1 room.....	1 364	304	399	389	222	27	6	8	—	9	—	147
2 rooms.....	1 836	413	151	540	406	184	72	15	—	26	29	183
3 rooms.....	3 212	317	184	522	1 305	588	137	74	36	4	45	221
4 rooms.....	3 230	185	153	443	770	735	632	147	106	24	35	253
5 rooms.....	2 696	146	119	296	521	693	510	229	98	8	76	270
6 rooms.....	1 477	38	76	123	253	421	277	127	89	26	47	276
7 or more rooms.....	770	26	30	53	89	112	143	83	84	23	127	304
Median.....	3.8	2.5	2.5	3.0	3.4	4.3	4.6	4.9	5.2	4.4	5.4	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979.....	14 585	1 429	1 112	2 366	3 566	2 760	1 777	683	413	120	359	231
Complete plumbing for exclusive use.....	13 970	1 272	934	2 253	3 489	2 703	1 760	683	413	120	343	234
0.50 or less.....	9 024	829	484	1 348	2 294	1 844	1 164	450	274	87	250	238
0.51 to 1.00.....	4 630	409	424	852	1 129	797	543	225	129	33	89	227
1.01 to 1.50.....	253	29	19	31	37	62	53	8	10	—	4	258
1.51 or more.....	63	5	7	22	29	—	—	—	—	—	—	188
Lacking complete plumbing for exclusive use.....	615	157	178	113	77	57	17	—	—	—	16	141
0.50 or less.....	174	36	20	31	50	10	11	—	—	—	16	185
0.51 to 1.00.....	412	121	151	60	27	47	6	—	—	—	—	119
1.01 to 1.50.....	10	—	—	10	—	—	—	—	—	—	—	175
1.51 or more.....	19	—	7	12	—	—	—	—	—	—	—	162
Income in 1979 below poverty level.....	3 507	833	227	627	715	516	317	119	71	12	70	202
Complete plumbing for exclusive use.....	3 244	765	184	563	672	488	311	119	71	12	59	206
1.01 or more persons per room.....	121	23	8	23	19	27	16	—	5	—	—	234
Lacking complete plumbing for exclusive use.....	263	68	43	64	43	28	6	—	—	—	11	168
1.01 or more persons per room.....	29	—	7	22	—	—	—	—	—	—	—	166
<b>BEDROOMS</b>												
None.....	1 630	338	415	498	272	71	6	8	—	9	13	158
1.....	5 820	689	349	1 144	1 941	980	404	154	45	30	84	217
2.....	4 472	236	213	456	930	1 193	909	283	141	32	79	264
3.....	2 048	107	84	207	381	436	350	200	139	29	115	275
4.....	545	49	51	54	42	73	82	38	79	14	63	272
5 or more.....	70	10	—	7	—	7	26	—	9	6	5	316
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	1 013	87	74	91	138	169	101	67	95	34	157	258
2.....	2 264	140	119	267	466	493	146	80	—	—	84	260
3 and 4.....	3 451	115	132	496	860	896	540	239	110	—	63	255
5 to 9.....	3 068	142	168	598	1 087	619	298	62	72	7	15	229
10 to 49.....	2 744	249	214	611	778	459	244	137	22	12	18	220
50 or more.....	2 026	696	405	295	237	120	125	32	34	67	15	136
Mobile home or trailer, etc.....	19	—	—	8	—	4	—	—	—	—	7	188
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	689	259	148	61	30	11	58	47	32	22	21	121
1970 to 1974.....	1 194	373	170	134	183	117	100	49	10	51	7	181
1960 to 1969.....	1 008	226	114	87	77	193	134	61	70	17	29	242
1950 to 1959.....	529	26	—	98	141	129	61	20	27	—	27	243
1940 to 1949.....	1 652	104	48	234	474	471	181	66	36	—	38	245
1939 or earlier.....	9 513	441	632	1 752	2 661	1 839	1 243	440	238	30	237	234
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	11 295	772	704	1 744	2 820	2 348	1 555	607	368	41	336	241
4 or more.....	3 290	657	408	622	746	412	222	76	45	79	23	197
With elevator.....	2 172	616	290	381	322	218	147	51	45	79	23	180
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	1 645	316	212	316	310	245	135	56	36	19	...	195
15 to 19 percent.....	1 916	246	111	323	482	350	241	102	45	16	...	224
20 to 24 percent.....	2 050	294	223	331	419	377	271	83	48	4	...	221
25 to 29 percent.....	1 873	261	186	287	469	322	210	60	70	8	...	222
30 to 34 percent.....	1 270	107	115	165	295	301	200	59	28	—	...	244
35 to 49 percent.....	2 205	109	175	326	633	445	297	115	85	20	...	241
50 percent or more.....	3 116	62	79	596	905	708	404	208	101	53	...	245
Not computed.....	510	34	11	22	53	12	19	—	—	—	359	208
Median.....	28.8	22.3	25.1	28.5	31.3	31.3	30.5	33.4	31.3	45.0	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	14 575	1 424	1 112	2 366	3 566	2 755	1 777	683	413	120	359	231
Central heating system.....	13 701	1 366	1 007	2 176	3 340	2 593	1 699	672	391	120	337	233
Air conditioning.....	1 183	170	104	137	233	182	133	56	34	35	99	232
Central system.....	193	47	31	8	65	6	8	—	6	8	14	202



Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Portland city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	10 739	644	1 426	871	788	1 888	1 794	1 998	910	420	19 299	21 587	483
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	7 275	99	611	448	507	1 282	1 438	1 694	791	405	22 040	25 052	169
15 to 24 years	130	—	7	7	16	54	34	12	—	—	18 716	18 396	—
25 to 34 years	1 336	20	50	68	125	323	332	262	110	46	20 972	22 817	38
35 to 44 years	1 248	5	51	26	55	199	318	340	196	58	24 528	27 726	40
45 to 64 years	3 170	45	172	136	174	466	583	913	447	234	25 068	27 893	67
65 years and over	1 391	29	331	211	137	240	171	167	38	67	14 772	18 947	24
Male householder, no wife present	857	75	148	91	50	222	115	117	29	10	16 104	17 120	47
15 to 24 years	6	—	—	—	6	—	—	—	—	—	13 750	14 215	—
25 to 34 years	239	14	36	22	11	85	38	34	—	—	16 488	16 141	14
35 to 44 years	142	6	6	22	8	48	31	16	5	—	16 959	17 938	6
45 to 64 years	210	15	33	19	4	45	27	53	9	5	19 083	19 595	15
65 years and over	260	40	73	29	21	44	19	14	15	5	11 466	15 643	12
Female householder, no husband present	2 607	470	667	332	231	384	241	187	90	5	11 254	13 387	267
15 to 24 years	17	4	4	9	—	—	—	—	—	—	10 139	7 826	4
25 to 34 years	242	16	82	10	21	44	45	24	—	—	14 048	14 396	36
35 to 44 years	218	36	37	9	46	54	21	7	8	—	13 967	13 495	40
45 to 64 years	920	87	205	99	107	161	100	107	49	5	14 112	16 236	71
65 years and over	1 210	327	339	205	57	125	75	49	33	—	8 870	11 078	116
Median age	54.1	69.9	65.8	65.5	53.8	50.8	47.3	50.4	50.3	53.5	...	...	53.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	835	28	87	52	97	161	195	112	55	48	19 823	21 839	36
1975 to 1978	2 479	71	232	150	226	453	479	613	188	67	20 817	22 465	88
1970 to 1974	1 567	34	180	97	93	284	311	314	178	76	22 231	24 588	51
1960 to 1969	2 501	126	313	158	168	498	313	500	303	122	19 864	23 364	119
1959 or earlier	3 357	385	614	414	204	492	496	459	186	107	15 601	18 152	189
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	10 647	622	1 408	857	785	1 888	1 784	1 984	910	409	19 330	21 597	473
1.01 or more persons per room	98	—	—	14	10	31	9	22	5	7	19 118	23 293	8
Lacking complete plumbing for exclusive use	92	22	18	14	3	—	10	14	—	11	11 071	20 483	10
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	10 735	640	1 426	871	788	1 888	1 794	1 998	910	420	19 305	21 595	479
Central heating system	9 977	603	1 319	807	712	1 730	1 662	1 844	895	405	19 431	21 802	444
Air conditioning	2 387	73	190	118	194	457	413	558	238	146	21 748	25 320	56
Central system	138	11	35	—	—	20	13	—	—	20	21 071	26 531	11
Vehicles available	9 888	356	1 161	738	754	1 811	1 771	1 987	890	420	20 311	22 645	348
1	4 985	310	905	568	475	1 018	986	1 122	592	246	16 039	17 419	248
2 or more	4 903	46	256	170	279	793	785	1 320	698	356	24 543	27 959	100
House heating fuel	10 735	640	1 426	871	788	1 888	1 794	1 998	910	420	19 305	21 595	479
Utility gas	558	41	72	74	11	75	80	93	76	36	20 341	23 059	44
Bottled, tank, or LP gas	260	16	96	39	56	103	98	167	51	34	20 746	22 947	10
Electricity	8 966	583	1 188	736	655	1 582	1 499	1 620	768	335	19 140	21 463	415
Fuel oil, kerosene, etc.	523	—	59	14	57	128	117	118	15	15	20 143	21 184	10
Other	6.1	5.8	5.7	5.7	5.8	6.0	6.2	6.5	6.9	7.4	...	...	6.0
Median rooms	—	—	—	—	—	—	—	—	—	—	—	—	—
Specified owner-occupied housing units	8 466	447	1 059	647	617	1 593	1 415	1 590	810	288	19 571	21 867	333
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	5 212	99	477	238	351	1 067	1 010	1 178	614	178	21 754	23 786	178
Less than \$200	182	—	63	26	28	44	6	—	15	—	12 679	14 559	5
\$200 to \$249	454	5	85	34	36	63	61	142	28	—	20 417	20 251	11
\$250 to \$299	850	40	118	60	61	207	150	130	84	—	18 475	19 360	71
\$300 to \$349	871	21	63	39	74	222	210	141	72	29	20 434	22 117	26
\$350 to \$399	909	—	68	17	51	233	189	244	93	14	21 735	24 189	12
\$400 to \$499	1 057	4	33	37	80	169	247	281	162	44	23 646	26 349	10
\$500 to \$599	515	23	38	9	15	106	100	144	50	30	21 867	25 555	37
\$600 to \$749	262	6	9	5	—	17	41	84	75	25	29 881	31 810	6
\$750 or more	112	—	—	11	6	6	6	12	35	36	37 962	45 325	—
Median	\$364	\$311	\$288	\$299	\$334	\$349	\$371	\$386	\$412	\$507	...	...	\$304
Not mortgaged	3 254	348	582	409	266	526	405	412	196	110	15 209	18 792	155
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	22	7	—	7	—	8	—	—	—	—	11 429	11 313	7
\$75 to \$99	81	27	28	6	—	10	10	—	—	—	6 205	9 455	12
\$100 to \$124	166	38	41	25	13	8	28	13	—	—	10 400	12 002	8
\$125 to \$149	419	78	107	75	34	56	30	27	12	—	10 817	12 910	27
\$150 to \$199	1 308	128	252	173	114	243	169	177	37	15	14 715	16 361	51
\$200 to \$249	740	42	58	59	59	117	113	103	94	22	18 208	20 258	32
\$250 or more	518	28	22	65	46	84	55	92	53	73	22 333	31 550	18
Median	\$186	\$159	\$173	\$176	\$188	\$187	\$190	\$197	\$226	\$250+	...	...	\$173
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	5 212	99	477	238	351	1 067	1 010	1 178	614	178	21 754	23 786	178
Less than 15 percent	1 146	—	—	—	11	42	130	412	399	152	34 215	37 865	5
15 to 19 percent	1 233	—	7	20	45	182	362	479	123	15	25 007	25 885	—
20 to 24 percent	977	—	17	23	51	325	282	196	72	11	21 112	22 785	—
25 to 29 percent	640	—	29	64	75	265	134	61	12	—	17 147	18 085	—
30 to 34 percent	383	—	32	35	60	147	71	30	8	—	17 304	17 508	8
35 percent or more	833	99	392	96	109	106	31	—	—	—	9 055	9 754	165
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	21.2	50+	46.3	31.7	29.6	24.8	20.2	16.8	13.1	10.3	...	...	50+
Not mortgaged	3 254	348	582	409	266	526	405	412	196	110	15 209	18 792	155
Less than 10 percent	818	—	—	13	—	75	134	295	191	110	30 308	36 993	—
10 to 14 percent	782	—	6	42	87	292	256	94	5	—	19 371	19 566	—
15 to 19 percent	484	—	64	183	98	108	8	23	—	—	12 432	13 698	—
20 to 24 percent	372	22	139	95	58	51	7	—	—	—	10 658	11 049	7
25 to 29 percent	216	—	151	48	17	—	—	—	—	—	8 946	8 879	—
30 to 34 percent	108	44	51	13	—	—	—	—	—	—	5 926	6 733	6
35 percent or more	463	271	171	15	6	—	—	—	—	—	4 594	4 762	131
Not computed	11	11	—	—	—	—	—	—	—	—	2500—	—	11
Median	15.2	50+	27.7	19.1	17.3	13.2	11.3	10—	10—	10—	...	...	50+



Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Portland city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units .....	14 680	3 886	4 423	1 683	1 273	1 733	823	547	225	87	8 821	10 766	3 529
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families .....	3 772	301	977	455	427	746	463	293	88	22	13 396	14 771	413
15 to 24 years .....	525	31	120	123	66	125	27	26	7	—	12 266	13 396	39
25 to 34 years .....	1 143	69	293	114	152	260	132	111	4	8	14 071	14 970	135
35 to 44 years .....	547	49	72	44	70	120	114	58	20	—	16 301	16 503	85
45 to 64 years .....	844	67	136	87	101	167	155	74	43	14	16 270	17 299	102
65 years and over .....	713	85	356	87	38	74	35	24	14	—	8 870	11 143	52
Male householder, no wife present .....	3 772	937	1 140	456	327	497	185	87	99	44	9 047	11 156	791
15 to 24 years .....	888	217	307	104	83	128	29	5	15	—	8 684	9 925	227
25 to 34 years .....	1 319	160	420	188	144	201	109	57	27	13	11 057	12 613	181
35 to 44 years .....	352	66	62	80	37	41	24	7	28	7	11 500	14 464	71
45 to 64 years .....	604	187	165	47	24	98	23	18	18	24	8 724	12 435	136
65 years and over .....	609	307	186	37	39	29	—	—	11	—	4 977	6 615	176
Female householder, no husband present .....	7 136	2 648	2 306	772	519	490	175	167	38	21	6 702	8 442	2 325
15 to 24 years .....	1 284	449	509	123	74	50	29	50	—	—	6 807	7 895	550
25 to 34 years .....	1 790	401	597	300	200	180	44	61	7	—	9 183	9 977	496
35 to 44 years .....	543	147	200	49	42	64	30	11	—	—	7 358	9 267	222
45 to 64 years .....	1 339	433	407	191	101	113	50	21	23	—	7 536	9 024	414
65 years and over .....	2 180	1 218	593	109	102	83	22	24	8	21	4 715	6 941	643
Median age .....	37.4	56.7	34.6	32.2	32.6	33.5	37.4	32.9	46.6	52.9	...	...	38.6
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980 .....	6 608	1 660	2 086	863	532	752	378	231	78	28	8 861	10 546	1 759
1975 to 1978 .....	4 477	1 084	1 310	516	453	623	256	166	49	20	9 437	10 989	953
1970 to 1974 .....	1 932	705	518	170	148	201	84	57	27	22	7 058	10 045	488
1960 to 1969 .....	1 002	298	285	82	83	73	90	61	24	6	8 084	11 155	241
1959 or earlier .....	661	139	224	52	57	84	15	32	47	11	9 055	12 968	88
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use .....	14 065	3 576	4 236	1 629	1 267	1 692	818	535	225	87	9 036	10 951	3 266
0.50 or less .....	9 065	2 516	2 718	1 088	763	976	496	299	145	64	8 641	10 581	1 948
0.51 to 1.00 .....	4 684	1 008	1 440	495	450	685	282	227	80	17	9 609	11 534	1 197
1.01 to 1.50 .....	253	37	62	40	40	19	40	9	—	6	11 719	13 687	102
1.51 or more .....	63	15	16	6	14	12	—	—	—	—	10 208	9 946	19
Lacking complete plumbing for exclusive use .....	615	310	187	54	6	41	5	12	—	—	4 973	6 518	263
0.50 or less .....	174	92	45	20	6	6	5	—	—	—	4 833	6 394	63
0.51 to 1.00 .....	412	212	135	28	—	25	—	12	—	—	4 902	6 225	171
1.01 to 1.50 .....	10	—	—	—	—	10	—	—	—	—	16 250	17 395	10
1.51 or more .....	19	6	7	6	—	—	—	—	—	—	8 750	8 289	19
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment .....	14 670	3 881	4 418	1 683	1 273	1 733	823	547	225	87	8 827	10 771	3 524
Central heating system .....	13 796	3 659	4 187	1 574	1 206	1 608	766	512	197	87	8 784	10 738	3 315
Air conditioning .....	1 193	277	336	91	95	151	106	59	55	23	9 712	13 195	207
Central system .....	193	60	46	21	30	15	9	4	8	—	7 281	10 385	28
Vehicles available .....	8 846	1 168	2 396	1 233	1 037	1 490	752	523	184	63	11 742	13 319	1 262
1 .....	6 838	1 068	2 062	1 009	831	1 067	470	215	77	39	10 716	11 919	1 021
2 or more .....	2 008	100	334	224	206	423	282	308	107	24	16 768	18 086	241
House heating fuel .....	14 670	3 881	4 418	1 683	1 273	1 733	823	547	225	87	8 827	10 771	3 524
Utility gas .....	1 755	624	522	174	85	109	135	30	38	38	7 031	10 573	571
Bottled, tank, or LP gas .....	133	40	59	17	6	11	—	—	—	—	6 791	7 659	28
Electricity .....	1 554	368	459	150	146	201	114	87	29	—	9 238	11 324	328
Fuel oil, kerosene, etc. .....	11 101	2 831	3 344	1 317	1 025	1 399	561	423	152	49	9 052	10 733	2 569
Other .....	127	18	34	25	11	13	13	7	6	—	11 150	13 286	28
Median rooms .....	3.8	3.0	3.6	4.0	4.2	4.3	4.7	4.8	5.5	4.2	...	...	3.5
Specified renter-occupied housing units .....	14 585	3 871	4 392	1 655	1 273	1 722	817	543	225	87	8 816	10 765	3 507
<b>CONTRACT RENT</b>													
Less than \$100 .....	1 827	1 186	323	102	36	81	54	32	7	6	4 281	6 345	918
\$100 to \$149 .....	1 710	457	738	162	82	150	83	12	21	5	7 126	9 015	358
\$150 to \$199 .....	3 532	988	1 107	459	330	291	207	98	26	26	8 536	10 090	877
\$200 to \$249 .....	3 943	786	1 365	467	452	591	173	70	33	6	9 370	10 555	733
\$250 to \$299 .....	1 960	256	547	321	177	342	154	113	39	11	11 379	12 835	372
\$300 to \$349 .....	801	56	180	67	115	161	72	114	27	9	14 620	16 394	85
\$350 to \$399 .....	247	32	52	13	22	22	19	45	37	5	16 125	20 691	70
\$400 to \$499 .....	118	13	13	13	10	13	32	4	17	3	18 750	19 397	18
\$500 or more .....	88	17	24	7	8	—	—	8	8	16	11 071	21 682	6
No cash rent .....	359	80	43	44	41	71	23	47	10	—	13 262	14 319	70
Median .....	\$200	\$164	\$200	\$209	\$216	\$223	\$217	\$266	\$270	\$276	...	...	\$179
<b>GROSS RENT</b>													
Less than \$100 .....	1 429	1 082	212	36	5	46	34	14	—	—	3 935	5 034	833
\$100 to \$149 .....	1 112	377	491	92	31	55	43	5	7	11	6 181	8 054	227
\$150 to \$199 .....	2 366	716	886	288	197	155	51	47	7	19	7 506	8 895	627
\$200 to \$249 .....	3 566	847	1 256	481	359	377	180	41	19	6	8 726	9 720	715
\$250 to \$299 .....	2 760	418	806	444	319	422	181	95	68	7	10 878	12 099	516
\$300 to \$349 .....	1 777	224	433	179	187	391	186	151	16	10	13 202	14 040	317
\$350 to \$399 .....	683	80	170	57	65	113	51	109	28	10	13 827	16 461	119
\$400 to \$499 .....	413	30	71	27	56	80	68	22	54	5	16 520	18 439	71
\$500 or more .....	120	17	24	7	13	12	—	12	16	19	14 808	23 356	12
No cash rent .....	359	80	43	44	41	71	23	47	10	—	13 262	14 319	70
Median .....	\$231	\$187	\$226	\$241	\$253	\$269	\$272	\$315	\$320	\$302	...	...	\$202
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent .....	1 645	46	142	89	79	314	383	329	176	87	21 582	23 874	74
15 to 19 percent .....	1 916	182	136	202	329	584	289	155	39	—	15 841	16 054	176
20 to 24 percent .....	2 050	281	442	354	383	484	102	4	—	—	12 133	11 829	234
25 to 29 percent .....	1 873	300	651	462	215	217	20	8	—	—	9 915	9 845	219
30 to 34 percent .....	1 270	189	558	344	146	33	—	—	—	—	9 209	8 852	139
35 to 49 percent .....	2 205	373	1 585	153	75	19	—	—	—	—	7 128	7 220	424
50 percent or more .....	3 116	2 269	835	7	5	—	—	—	—	—	3 871	3 856	2 020
Not computed .....	510	231	43	44	41	71	23	47	10	—	8 468	10 009	221
Median .....	28.8	50+	36.8	26.7	22.7	19.4	15.2	13.3	10—	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Portland city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units -----</b>	<b>5 212</b>	<b>182</b>	<b>454</b>	<b>850</b>	<b>871</b>	<b>909</b>	<b>1 057</b>	<b>515</b>	<b>262</b>	<b>112</b>	<b>364</b>
<b>PERSONS IN UNIT</b>											
1 person -----	454	51	64	93	45	79	69	53	—	—	321
2 persons -----	1 273	76	165	196	229	224	229	72	51	31	344
3 persons -----	1 095	29	110	174	191	146	237	126	70	12	365
4 persons -----	1 173	18	54	170	204	215	265	155	68	24	383
5 persons -----	780	—	52	123	129	173	143	77	38	45	375
6 persons -----	277	—	—	66	50	55	65	19	22	—	370
7 persons -----	113	—	9	17	17	37	13	13	—	—	413
8 or more persons -----	47	8	—	21	6	—	12	—	—	—	287
Median -----	3.30	2.03	2.49	3.28	3.35	3.53	3.47	3.54	3.65	4.04	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families -----</b>	<b>4 183</b>	<b>95</b>	<b>339</b>	<b>657</b>	<b>688</b>	<b>742</b>	<b>914</b>	<b>418</b>	<b>224</b>	<b>106</b>	<b>371</b>
15 to 24 years -----	108	—	7	22	16	33	25	5	—	—	364
25 to 34 years -----	1 069	—	40	92	146	218	338	135	59	41	408
35 to 44 years -----	982	13	23	136	149	138	235	179	103	6	412
45 to 64 years -----	1 760	45	219	334	365	327	288	80	54	48	339
65 years and over -----	264	37	50	73	12	26	28	19	8	11	281
<b>Male householder, no wife present -----</b>	<b>274</b>	<b>22</b>	<b>37</b>	<b>29</b>	<b>41</b>	<b>45</b>	<b>40</b>	<b>34</b>	<b>26</b>	<b>—</b>	<b>359</b>
15 to 24 years -----	6	—	—	—	6	—	—	—	—	—	325
25 to 34 years -----	96	—	—	4	19	19	27	18	9	—	425
35 to 44 years -----	85	8	19	19	5	12	6	9	7	—	291
45 to 64 years -----	54	7	12	—	11	—	7	7	10	—	336
65 years and over -----	33	7	6	6	—	14	—	—	—	—	279
<b>Female householder, no husband present -----</b>	<b>755</b>	<b>65</b>	<b>78</b>	<b>164</b>	<b>142</b>	<b>122</b>	<b>103</b>	<b>63</b>	<b>12</b>	<b>6</b>	<b>325</b>
15 to 24 years -----	13	—	—	7	—	—	13	—	—	—	425
25 to 34 years -----	143	—	—	—	57	13	30	30	6	—	379
35 to 44 years -----	131	5	9	30	22	48	5	12	—	—	349
45 to 64 years -----	333	13	40	101	57	61	41	8	6	6	311
65 years and over -----	135	47	29	26	6	—	14	13	—	—	235
Median age -----	44.7	65.0	55.7	49.2	45.8	43.3	37.7	37.9	39.2	46.7	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	473	—	13	43	13	18	155	119	87	25	497
1975 to 1978 -----	1 757	27	49	144	257	378	506	209	130	57	403
1970 to 1974 -----	1 072	12	64	139	237	267	221	88	27	17	366
1960 to 1969 -----	1 399	106	208	406	272	179	142	55	18	13	297
1959 or earlier -----	511	37	120	118	92	67	33	44	—	—	292
<b>ROOMS</b>											
1 to 3 rooms -----	17	—	—	—	10	7	—	—	—	—	342
4 rooms -----	420	35	75	72	93	91	48	6	—	—	315
5 rooms -----	808	65	117	169	192	103	112	43	7	—	314
6 rooms -----	1 602	38	126	311	264	321	369	105	57	11	360
7 rooms -----	1 246	13	103	164	182	241	280	183	56	24	383
8 or more rooms -----	1 119	31	33	134	130	146	248	178	142	77	439
Median -----	6.3	5.4	5.8	6.1	6.0	6.3	6.5	7.1	7.7	8.5	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	263	7	5	13	14	56	38	66	60	4	493
1970 to 1974 -----	318	—	7	16	47	94	86	31	25	12	397
1960 to 1969 -----	886	17	56	138	169	165	195	90	32	24	369
1950 to 1959 -----	841	32	140	134	131	168	159	43	26	8	344
1940 to 1949 -----	536	33	58	94	117	130	55	36	13	—	335
1939 or earlier -----	2 368	93	188	455	393	296	524	249	106	64	359
<b>VALUE</b>											
Less than \$10,000 -----	12	—	12	—	—	—	—	—	—	—	225
\$10,000 to \$19,999 -----	169	29	10	47	53	19	—	11	—	—	298
\$20,000 to \$29,999 -----	503	64	84	161	114	39	41	—	—	—	282
\$30,000 to \$39,999 -----	1 377	40	170	360	276	258	207	55	11	—	321
\$40,000 to \$49,999 -----	1 581	37	117	190	282	343	441	120	39	12	374
\$50,000 to \$59,999 -----	607	—	28	56	60	117	185	116	34	11	421
\$60,000 to \$79,999 -----	810	5	33	36	78	112	163	209	138	7	485
\$80,000 to \$99,999 -----	78	7	—	—	8	7	14	—	35	7	613
\$100,000 to \$149,999 -----	69	—	—	—	—	14	6	4	—	40	750+
\$150,000 or more -----	6	—	—	—	—	—	—	—	—	6	750+
Median -----	\$42 900	\$29 600	\$34 700	\$36 000	\$39 700	\$43 200	\$45 500	\$54 000	\$64 800	\$79 000	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	1 146	61	244	277	220	128	134	47	25	10	298
15 to 19 percent -----	1 233	59	78	204	220	300	280	59	18	15	359
20 to 24 percent -----	977	23	25	133	193	166	231	99	81	26	384
25 to 29 percent -----	640	19	27	65	98	164	149	64	34	20	384
30 to 34 percent -----	383	—	12	33	39	52	101	86	48	12	444
35 percent or more -----	833	20	68	138	101	99	162	160	56	29	395
Not computed -----	—	—	—	—	—	—	—	—	—	—	—
Median -----	21.2	17.5	14.4	18.6	19.9	20.8	22.5	29.1	26.0	26.3	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment -----</b>	<b>5 212</b>	<b>182</b>	<b>454</b>	<b>850</b>	<b>871</b>	<b>909</b>	<b>1 057</b>	<b>515</b>	<b>262</b>	<b>112</b>	<b>364</b>
Steam or hot water system -----	3 489	109	257	553	617	612	734	382	144	81	367
Central warm-air furnace or electric heat pump -----	870	47	138	189	110	162	165	26	19	14	328
Other built-in electric units -----	349	7	7	13	53	57	93	44	65	10	440
Floor, wall, or pipeless furnace -----	70	6	—	31	14	12	—	—	—	—	285
Other means -----	434	13	45	64	77	66	65	63	34	7	364
<b>Air conditioning -----</b>	<b>1 264</b>	<b>37</b>	<b>88</b>	<b>130</b>	<b>215</b>	<b>243</b>	<b>276</b>	<b>180</b>	<b>84</b>	<b>11</b>	<b>383</b>
Central system -----	46	—	12	13	—	6	—	6	—	—	292
1 or more individual room units -----	1 218	37	76	117	215	237	276	174	75	11	385
<b>House heating fuel -----</b>	<b>5 212</b>	<b>182</b>	<b>454</b>	<b>850</b>	<b>871</b>	<b>909</b>	<b>1 057</b>	<b>515</b>	<b>262</b>	<b>112</b>	<b>364</b>
Utility gas -----	246	12	29	55	18	30	57	—	22	23	365
Bottled, tank, or LP gas -----	9	—	—	—	—	—	—	—	—	—	443
Electricity -----	377	9	7	19	53	62	93	52	74	10	425
Fuel oil, kerosene, etc. -----	4 189	150	373	719	727	751	848	400	149	72	358
Other -----	391	13	45	57	73	66	50	63	17	7	356



Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## Portland city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>3 254</b>	—	<b>22</b>	<b>81</b>	<b>166</b>	<b>419</b>	<b>1 308</b>	<b>740</b>	<b>518</b>	<b>186</b>
<b>PERSONS IN UNIT</b> .....										
1 person .....	871	—	7	51	96	171	356	111	79	166
2 persons .....	1 474	—	15	10	38	190	659	326	236	187
3 persons .....	558	—	—	20	8	47	200	181	102	201
4 persons .....	200	—	—	—	18	—	67	74	41	210
5 persons .....	124	—	—	—	6	11	26	37	44	226
6 persons .....	15	—	—	—	—	—	—	11	4	234
7 persons .....	6	—	—	—	—	—	—	—	6	250+
8 or more persons .....	6	—	—	—	—	—	—	—	6	250+
Median .....	2.01	—	1.77	1.29	1.36	1.70	1.95	2.29	2.26	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b> .....										
<b>Married-couple families</b> .....	<b>1 747</b>	—	—	<b>26</b>	<b>45</b>	<b>191</b>	<b>695</b>	<b>469</b>	<b>321</b>	<b>194</b>
15 to 24 years .....	5	—	—	—	—	—	5	—	—	175
25 to 34 years .....	33	—	—	—	—	—	24	9	—	184
35 to 44 years .....	46	—	—	—	6	7	12	5	16	192
45 to 64 years .....	842	—	—	6	13	107	288	249	179	201
65 years and over .....	821	—	—	20	26	77	366	206	126	189
<b>Male householder, no wife present</b> .....	<b>321</b>	—	<b>8</b>	<b>24</b>	<b>55</b>	<b>33</b>	<b>150</b>	<b>33</b>	<b>18</b>	<b>163</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	47	—	—	11	—	—	27	9	—	173
35 to 44 years .....	25	—	8	6	—	—	11	—	—	94
45 to 64 years .....	90	—	—	—	26	8	43	8	5	163
65 years and over .....	159	—	—	7	29	25	69	16	13	163
<b>Female householder, no husband present</b> .....	<b>1 186</b>	—	<b>14</b>	<b>31</b>	<b>66</b>	<b>195</b>	<b>463</b>	<b>238</b>	<b>179</b>	<b>181</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	—	—	—	—	—	—	—	—	—	—
35 to 44 years .....	13	—	—	—	—	—	6	—	7	250+
45 to 64 years .....	369	—	—	—	24	50	136	110	49	191
65 years and over .....	804	—	14	31	42	145	321	128	123	176
Median age .....	66.5	—	72.1	69.4	71.0	68.6	66.9	64.3	65.3	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b> .....										
1979 to March 1980 .....	76	—	8	—	—	—	43	9	16	185
1975 to 1978 .....	219	—	—	17	12	38	69	59	24	181
1970 to 1974 .....	250	—	—	7	5	22	88	85	43	202
1960 to 1969 .....	654	—	7	—	26	46	260	189	126	198
1959 or earlier .....	2 055	—	7	57	123	313	848	398	309	181
<b>ROOMS</b> .....										
1 to 3 rooms .....	64	—	15	19	8	5	17	—	—	97
4 rooms .....	334	—	—	23	40	91	153	20	7	154
5 rooms .....	638	—	7	10	44	141	288	100	48	170
6 rooms .....	1 094	—	—	6	58	131	504	294	101	185
7 rooms .....	585	—	—	10	16	33	207	217	102	206
8 or more rooms .....	539	—	—	13	—	18	139	109	260	246
Median .....	6.0	—	2.9	4.4	5.3	5.3	5.9	6.4	7.5	...
<b>YEAR STRUCTURE BUILT</b> .....										
1975 to March 1980 .....	28	—	8	—	—	—	6	7	7	200
1970 to 1974 .....	36	—	—	—	—	—	—	19	17	247
1960 to 1969 .....	255	—	—	—	5	12	96	93	49	208
1950 to 1959 .....	606	—	—	—	—	74	307	135	90	187
1940 to 1949 .....	511	—	7	—	33	105	220	103	43	175
1939 or earlier .....	1 818	—	7	81	128	228	679	383	312	184
<b>VALUE</b> .....										
Less than \$10,000 .....	42	—	7	6	12	4	13	—	—	117
\$10,000 to \$19,999 .....	266	—	8	20	25	78	89	39	7	151
\$20,000 to \$29,999 .....	667	—	7	24	71	114	316	83	52	169
\$30,000 to \$39,999 .....	775	—	—	12	32	127	386	154	64	178
\$40,000 to \$49,999 .....	755	—	—	11	18	88	324	174	140	190
\$50,000 to \$59,999 .....	396	—	—	—	—	8	133	181	74	216
\$60,000 to \$79,999 .....	225	—	—	8	—	—	47	81	89	235
\$80,000 to \$99,999 .....	87	—	—	—	8	—	—	28	51	250+
\$100,000 to \$149,999 .....	41	—	—	—	—	—	—	—	41	250+
\$150,000 or more .....	—	—	—	—	—	—	—	—	—	—
Median .....	\$38 400	—	\$12 500	\$24 000	\$27 100	\$30 900	\$36 000	\$45 300	\$49 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b> .....										
Less than 10 percent .....	818	—	15	26	49	118	295	173	142	184
10 to 14 percent .....	782	—	—	—	44	58	386	201	93	187
15 to 19 percent .....	484	—	—	28	13	81	199	99	64	180
20 to 24 percent .....	372	—	7	15	15	64	108	74	89	189
25 to 29 percent .....	216	—	—	—	7	20	103	40	46	189
30 to 34 percent .....	108	—	—	6	19	19	21	30	13	174
35 percent or more .....	463	—	—	6	19	53	191	123	71	190
Not computed .....	11	—	—	—	—	6	5	—	—	148
Median .....	15.2	—	10—	17.6	13.9	16.9	14.6	14.9	16.9	...
<b>SELECTED CHARACTERISTICS</b> .....										
<b>Heating equipment</b> .....	<b>3 254</b>	—	<b>22</b>	<b>81</b>	<b>166</b>	<b>419</b>	<b>1 308</b>	<b>740</b>	<b>518</b>	<b>186</b>
Steam or hot water system .....	2 193	—	—	16	48	205	967	579	378	193
Central warm-air furnace or electric heat pump .....	784	—	7	7	67	161	281	126	135	177
Other built-in electric units .....	63	—	—	—	—	12	22	24	5	194
Floor, wall, or pipeless furnace .....	47	—	—	20	7	13	7	—	—	113
Other means .....	167	—	15	38	44	28	31	11	—	117
<b>Air conditioning</b> .....	<b>627</b>	—	—	—	<b>20</b>	<b>55</b>	<b>217</b>	<b>183</b>	<b>152</b>	<b>206</b>
Central system .....	7	—	—	—	—	—	—	—	7	250+
1 or more individual room units .....	620	—	—	—	20	55	217	183	145	205
<b>House heating fuel</b> .....	<b>3 254</b>	—	<b>22</b>	<b>81</b>	<b>166</b>	<b>419</b>	<b>1 308</b>	<b>740</b>	<b>518</b>	<b>186</b>
Utility gas .....	163	—	7	10	16	40	20	28	42	171
Bottled, tank, or LP gas .....	19	—	—	11	8	—	—	—	—	97
Electricity .....	63	—	—	—	—	12	22	24	5	194
Fuel oil, kerosene, etc. ....	2 938	—	7	54	119	352	1 247	688	471	188
Other .....	71	—	8	6	23	15	19	—	—	123



Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8)

Portland city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	10 739	386	414	1 254	2 724	5 961	14 680	689	1 225	1 039	2 193	9 534
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	7 275	284	323	983	1 876	3 809	3 772	174	295	364	553	2 386
15 to 24 years	130	5	—	24	60	41	525	—	48	19	145	313
25 to 34 years	1 336	56	66	85	304	825	1 143	47	95	107	170	724
35 to 44 years	1 248	98	87	234	191	638	547	11	30	65	90	351
45 to 64 years	3 170	112	147	508	854	1 549	644	19	44	90	79	612
65 years and over	1 391	13	23	132	467	756	713	97	78	83	69	386
Male householder, no wife present	857	35	29	33	228	532	3 772	67	122	135	427	3 021
15 to 24 years	6	—	—	—	6	6	888	—	27	27	203	617
25 to 34 years	239	22	—	22	69	126	1 319	13	22	57	123	1 104
35 to 44 years	142	13	15	—	43	71	352	5	—	10	54	279
45 to 64 years	210	—	7	5	55	143	604	12	—	20	12	560
65 years and over	260	—	7	6	61	186	609	23	69	21	35	461
Female householder, no husband present	2 607	67	62	238	620	1 620	7 136	448	808	540	1 213	4 127
15 to 24 years	242	13	11	24	35	159	1 284	17	95	103	342	727
25 to 34 years	218	20	7	32	45	114	1 790	52	114	129	328	1 167
35 to 44 years	920	18	31	88	290	493	543	15	69	36	99	324
45 to 64 years	1 210	16	13	85	246	850	1 339	87	162	99	211	780
65 years and over	260	—	—	—	—	—	2 180	277	368	173	233	1 129
Median age	54.1	41.8	46.1	51.4	56.6	55.5	37.4	67.5	59.0	42.2	29.8	36.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	835	99	35	84	144	473	6 608	373	292	335	1 136	4 472
1975 to 1978	2 479	287	123	264	641	1 164	4 477	316	480	370	636	2 675
1970 to 1974	1 567	—	256	262	307	742	1 932	—	453	191	231	1 057
1960 to 1969	2 501	—	—	644	537	1 320	1 002	—	—	143	114	745
1959 or earlier	3 357	—	—	—	1 095	2 262	661	—	—	—	76	585
<b>ROOMS</b>												
1 room	25	—	4	—	10	11	1 364	—	266	106	49	943
2 rooms	26	8	—	—	—	18	1 842	205	180	109	173	1 175
3 rooms	110	9	15	—	16	70	3 212	210	188	165	535	2 114
4 rooms	1 049	67	17	125	398	442	3 268	182	337	314	599	1 836
5 rooms	2 108	58	72	195	723	1 060	2 709	61	160	208	520	1 760
6 rooms	3 233	74	139	531	857	1 632	1 496	15	41	105	204	1 131
7 or more rooms	4 188	170	167	403	720	2 728	789	16	53	32	113	575
Median	6.1	6.2	6.2	6.1	5.8	6.3	3.8	3.2	3.4	3.9	4.1	3.8
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	10 647	379	410	1 254	2 721	5 883	14 065	667	1 191	958	2 144	9 105
0.50 or less	7 370	248	161	786	1 950	4 225	9 065	537	592	535	1 415	5 986
0.51 to 1.00	3 179	131	233	449	747	1 619	4 684	130	553	358	706	2 937
1.01 to 1.50	82	—	16	19	18	29	253	—	39	51	23	140
1.51 or more	16	—	—	—	6	10	63	—	7	14	—	42
Lacking complete plumbing for exclusive use	92	7	4	—	3	78	615	22	34	81	49	429
0.50 or less	39	7	—	—	—	32	174	22	13	10	12	117
0.51 to 1.00	53	—	4	—	3	46	412	—	21	59	27	305
1.01 to 1.50	—	—	—	—	—	—	10	—	—	—	10	—
1.51 or more	—	—	—	—	—	—	19	—	—	12	—	7
<b>PERSONS IN UNIT</b>												
1 person	1 821	58	60	142	454	1 107	6 853	402	640	388	835	4 588
2 persons	3 669	132	95	415	1 036	1 991	4 589	218	304	302	812	2 953
3 persons	2 019	72	35	272	610	1 030	1 513	43	101	150	310	909
4 persons	1 653	69	100	195	355	934	956	21	112	106	129	588
5 persons	1 011	40	67	151	188	565	464	—	31	41	82	310
6 or more persons	566	15	57	79	81	334	305	5	37	52	25	186
Median	2.47	2.54	3.67	2.76	2.38	2.44	1.61	1.36	1.46	1.94	1.82	1.56
Total persons	30 941	1 093	1 416	3 760	6 925	17 747	28 668	1 104	2 315	2 413	4 678	18 158
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	8 975	316	398	1 220	2 603	4 438	1 108	31	167	221	217	472
2	1 037	5	4	—	105	923	2 264	25	45	76	400	1 718
3 and 4	426	—	—	4	—	422	3 451	60	102	160	669	2 460
5 to 9	108	8	—	—	—	100	3 068	48	152	119	568	2 181
10 to 49	88	6	—	24	6	52	2 744	141	273	142	314	1 874
50 or more	86	51	8	6	—	21	2 026	384	486	321	25	810
Mobile home or trailer, etc.	19	—	4	—	10	5	19	—	—	—	—	19
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b>	10 735	386	410	1 254	2 724	5 961	14 670	689	1 225	1 039	2 188	9 529
Steam or hot water system	7 365	46	236	1 091	1 805	4 187	10 617	307	532	573	1 528	7 677
Central warm-air furnace or electric heat pump	1 889	35	31	86	690	1 047	1 661	86	264	163	364	784
Other built-in electric units	597	270	123	57	41	106	1 274	253	318	184	101	418
Floor, wall, or pipeless furnace	126	—	7	—	47	72	244	25	22	64	64	69
Other means	758	35	13	20	141	549	874	18	89	55	131	581
<b>Air conditioning</b>	2 387	149	139	408	692	999	1 193	224	96	103	101	669
Central system	138	72	14	18	13	21	193	57	28	15	—	93
1 or more individual room units	2 249	77	125	390	679	978	1 000	167	68	88	101	576
<b>House heating fuel</b>	10 735	386	410	1 254	2 724	5 961	14 670	689	1 225	1 039	2 188	9 529
Utility gas	558	—	6	12	177	363	1 755	110	377	238	241	789
Bottled, tank, or LP gas	28	—	—	—	—	28	133	—	—	4	37	92
Electricity	660	307	136	57	41	119	1 554	300	371	242	144	497
Fuel oil, kerosene, etc.	8 966	53	255	1 165	2 409	5 084	11 101	279	477	550	1 729	8 066
Other	523	26	13	20	97	367	127	—	—	5	37	85
<b>Income in 1979 below poverty level</b>	483	7	17	34	77	348	3 529	231	334	305	473	2 186
Percent below poverty level	4.5	1.8	4.1	2.7	2.8	5.8	24.0	33.5	27.3	29.4	21.6	22.9
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	644	7	17	26	127	467	3 886	320	505	288	420	2 353
\$5,000 to \$9,999	1 426	47	34	121	382	842	4 423	189	320	294	654	2 966
\$10,000 to \$12,499	871	—	21	70	268	512	1 683	15	121	71	321	1 155
\$12,500 to \$14,999	788	24	38	89	225	412	1 273	44	88	87	232	822
\$15,000 to \$19,999	1 888	50	43	263	484	1 048	1 733	55	98	140	309	1 131
\$20,000 to \$24,999	1 794	72	60	177	496	989	823	18	55	103	112	535
\$25,000 to \$34,999	1 998	113	132	247	443	1 063	547	27	33	23	78	386
\$35,000 to \$49,999	910	51	39	207	196	417	225	13	—	18	39	155
\$50,000 or more	420	22	30	54	103	211	87	8	5	15	28	31
Median	\$19 299	\$24 706	\$24 706	\$21 576	\$18 808	\$18 451	\$8 821	\$5 471	\$6 590	\$8 438	\$10 175	\$9 030
Mean	\$21 587	\$27 962	\$27 016	\$24 771	\$20 746	\$20 512	\$10 766	\$8 921	\$8 949	\$11 597	\$11 852	\$10 792

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

## Portland city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units.....	10 739	8 975	1 745	19	14 680	1 108	2 264	3 451	3 068	2 744	2 026	19
Condominium housing units.....	184	42	142	—	55	9	—	—	—	31	15	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	7 275	6 264	996	15	3 772	497	960	972	697	431	208	7
15 to 24 years.....	130	113	17	—	525	39	92	173	171	38	12	—
25 to 34 years.....	1 336	1 133	203	—	1 143	151	330	293	215	141	13	—
35 to 44 years.....	1 248	1 087	146	15	547	93	165	126	118	33	12	—
45 to 64 years.....	3 170	2 797	373	—	844	164	220	105	99	33	7	—
65 years and over.....	1 391	1 134	257	—	713	50	157	160	88	120	138	—
Male householder, no wife present.....	857	642	215	—	3 772	190	355	814	957	978	478	—
15 to 24 years.....	6	6	—	—	888	26	66	184	288	272	52	—
25 to 34 years.....	239	152	87	—	1 319	92	136	359	69	279	79	—
35 to 44 years.....	142	119	23	—	352	27	50	105	69	73	28	—
45 to 64 years.....	210	165	45	—	604	13	29	102	143	181	136	—
65 years and over.....	260	200	60	—	609	32	74	64	83	173	183	—
Female householder, no husband present.....	2 607	2 069	534	4	7 136	421	949	1 665	1 414	1 335	1 340	12
15 to 24 years.....	17	13	4	—	1 284	58	181	232	350	330	133	—
25 to 34 years.....	242	148	94	—	1 790	107	292	609	486	234	62	—
35 to 44 years.....	218	179	39	—	543	61	113	161	108	61	31	8
45 to 64 years.....	920	765	151	4	1 339	120	199	317	225	280	198	—
65 years and over.....	1 210	964	246	—	2 180	75	164	346	245	430	916	4
Median age.....	54.1	53.9	55.9	42.5	37.4	39.2	36.0	33.6	30.0	40.4	70.7	46.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	835	595	236	4	6 608	392	838	1 719	1 574	1 295	782	8
1975 to 1978.....	2 479	2 079	394	6	4 477	379	686	1 011	917	863	614	7
1970 to 1974.....	1 567	1 405	158	4	1 932	210	322	321	321	300	428	—
1960 to 1969.....	2 501	2 192	304	5	1 002	64	263	190	159	171	155	—
1959 or earlier.....	3 357	2 704	653	—	661	63	155	180	97	115	47	4
<b>ROOMS</b>												
1 room.....	25	21	—	4	1 364	—	19	73	163	365	744	—
2 rooms.....	26	26	—	—	1 842	18	38	251	416	454	665	—
3 rooms.....	110	38	72	—	3 212	70	161	694	1 019	897	371	—
4 rooms.....	1 049	781	264	4	3 268	221	556	804	675	788	217	7
5 rooms.....	2 108	1 551	557	—	2 709	345	722	871	546	204	17	4
6 rooms.....	3 233	2 816	417	—	1 496	190	527	570	171	26	12	—
7 or more rooms.....	4 188	3 742	435	11	789	264	241	188	78	10	—	8
Median.....	6.1	6.2	5.5	7.8	3.8	5.2	5.0	4.4	3.4	3.1	1.9	5.1
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use.....	10 647	8 951	1 681	15	14 065	1 092	2 231	3 412	3 017	2 496	1 798	19
0.50 or less.....	7 370	6 092	1 273	5	9 065	658	1 425	2 264	1 937	1 745	1 032	4
0.51 to 1.00.....	3 179	2 782	393	10	4 684	385	737	1 079	1 019	726	371	15
1.01 to 1.50.....	82	61	21	—	253	49	53	65	55	19	12	—
1.51 or more.....	16	16	—	—	63	—	16	4	6	6	31	—
Lacking complete plumbing for exclusive use.....	92	24	64	4	615	16	33	39	51	248	228	—
0.50 or less.....	39	13	26	—	174	16	19	13	12	72	42	—
0.51 to 1.00.....	53	11	38	4	412	—	14	16	39	169	174	—
1.01 to 1.50.....	—	—	—	—	10	—	—	10	—	—	—	—
1.51 or more.....	—	—	—	—	19	—	—	—	—	7	12	—
<b>BEDROOMS</b>												
None.....	25	21	—	4	1 630	—	25	104	223	421	857	—
1.....	492	287	205	—	5 839	150	403	1 216	1 666	1 490	914	—
2.....	3 081	2 246	831	4	4 518	347	1 054	1 330	795	738	243	11
3.....	4 576	4 102	468	6	2 067	419	590	660	306	76	8	8
4.....	1 892	1 730	157	5	556	159	185	132	57	19	4	—
5 or more.....	673	589	84	—	70	33	7	9	21	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000.....	644	495	145	4	3 886	227	475	638	636	767	1 131	12
\$5,000 to \$9,999.....	1 426	1 126	300	—	4 423	316	464	1 007	1 041	1 016	579	—
\$10,000 to \$12,499.....	871	679	192	—	1 683	125	295	503	453	234	73	—
\$12,500 to \$14,999.....	788	649	135	4	1 273	86	198	401	269	247	65	7
\$15,000 to \$19,999.....	1 888	1 648	240	—	1 733	146	383	489	366	268	81	—
\$20,000 to \$24,999.....	1 794	1 514	275	5	823	117	228	202	165	73	38	—
\$25,000 to \$34,999.....	1 998	1 684	308	6	547	52	154	161	88	80	12	—
\$35,000 to \$49,999.....	910	855	55	—	225	31	56	43	27	46	22	—
\$50,000 or more.....	420	325	95	—	87	8	11	7	23	13	25	—
Median.....	\$19 299	\$19 653	\$16 733	\$20 750	\$8 821	\$10 220	\$11 636	\$10 400	\$9 322	\$7 524	\$4 684	\$4 479
Mean.....	\$21 587	\$21 972	\$19 641	\$18 572	\$10 766	\$12 584	\$13 236	\$11 496	\$10 780	\$9 779	\$7 115	\$6 970
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	10 735	8 975	1 745	15	14 670	1 108	2 264	3 451	3 063	2 739	2 026	19
Steam or hot water system.....	7 365	6 010	1 350	5	10 617	537	1 537	2 457	2 492	2 061	1 529	4
Central warm-air furnace or electric heat pump.....	1 889	1 745	144	—	1 661	329	450	309	176	208	182	7
Other built-in electric units.....	597	470	117	10	1 274	98	85	290	217	369	215	—
Floor, wall, or pipeless furnace.....	126	122	4	—	244	42	25	48	27	35	59	8
Other means.....	758	628	130	—	874	102	167	347	151	66	41	—
Air conditioning.....	2 387	2 009	368	10	1 193	120	166	224	167	119	397	—
Central system.....	138	58	80	—	193	9	8	19	33	24	100	—
Vehicles available.....	9 888	8 378	1 495	15	8 846	787	1 663	2 399	2 011	1 474	512	—
1.....	4 985	4 131	854	—	6 838	509	1 158	1 831	1 679	1 209	452	—
2 or more.....	4 903	4 247	641	15	2 008	278	505	568	332	265	60	—
House heating fuel.....	10 735	8 975	1 745	15	14 670	1 108	2 264	3 451	3 063	2 739	2 026	19
Utility gas.....	558	424	134	—	1 755	294	235	339	302	202	383	—
Bottled, tank, or LP gas.....	28	28	—	—	133	—	16	57	23	37	—	—
Electricity.....	660	505	145	10	1 554	110	115	342	245	453	289	—
Fuel oil, kerosene, etc.....	8 966	7 545	1 415	5	11 101	681	1 873	2 695	2 456	2 023	1 354	19
Other.....	523	473	50	—	127	23	25	18	37	24	—	—
Water heating fuel.....	10 718	8 958	1 745	15	14 525	1 108	2 264	3 451	3 068	2 702	1 913	19
Utility gas.....	1 191	885	306	—	3 016	368	569	723	559	319	478	—
Bottled, tank, or LP gas.....	199	183	16	—	280	44	32	97	36	50	21	—
Electricity.....	3 028	2 658	360	10	2 680	284	569	728	368	509	214	8
Fuel oil, kerosene, etc.....	6 270	5 207	1 060	5	8 508	412	1 094	1 903	2 083	1 805	1 200	11
Other.....	30	25	5	—	41	—	—	—	22	19	—	—
Family householder.....	8 626	7 396	1 215	15	6 034	733	1 453	1 708	1 134	702	289	15
With own children under 18 years.....	3 820	3 389	416	15	3 004	480	810	891	512	261	42	8
With own children under 6 years.....	1 297	1 117	180	—	1 421	229	361	433	256	112	30	—
Female householder, no husband present.....	1 136	971	165	—	1 973	216	462	617	371	225	74	8
With own children under 18 years.....	416	353	63	—	1 438	189	363	477	241	148	12	8
With own children under 6 years.....	78	49	29	—	555	112	127	166	90	60	—	—
Nonfamily householder.....	2 113	1 579	530	4	8 646	375	811	1 743	1 934	2 042	1 737	4
Income in 1979 below poverty level.....	483	381	98	4	3 529	289	479	724	692	639	698	8
Percent below poverty level.....	4.5	4.2	5.6	21.1	24.0	26.1	21.2	21.0	22.6	23.3	34.5	42.1



Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Portland city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>10 739</b>	<b>1 821</b>	<b>3 669</b>	<b>2 019</b>	<b>1 653</b>	<b>1 011</b>	<b>344</b>	<b>133</b>	<b>89</b>	<b>2.47</b>	<b>30 941</b>
Nonrelatives present	543	—	236	153	56	60	5	7	26	2.73	1 737
<b>ROOMS</b>											
1 to 3 rooms	161	87	46	12	16	—	—	—	—	1.43	285
4 rooms	1 049	326	505	154	58	6	—	—	—	1.89	2 075
5 rooms	2 108	387	964	423	225	76	10	17	6	2.19	5 212
6 rooms	3 233	543	1 110	619	462	352	118	22	7	2.47	9 331
7 rooms	2 119	273	568	376	469	290	93	36	14	3.08	6 726
8 or more rooms	2 069	205	476	435	423	287	123	58	62	3.31	7 312
Median	6.1	5.7	5.8	6.2	6.6	6.7	7.0	7.3	8.5+	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	10 647	1 788	3 653	2 002	1 638	1 011	344	133	78	2.47	30 656
1.00 or less	10 549	1 788	3 653	2 002	1 622	1 005	334	94	51	2.45	30 122
1.01 to 1.50	82	—	—	—	6	—	10	39	21	6.99	487
1.51 or more	16	—	—	—	10	—	—	—	6	4.30	47
Lacking complete plumbing for exclusive use	92	33	16	17	15	—	—	—	11	2.31	285
1.00 or less	92	33	16	17	15	—	—	—	11	2.31	285
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	8 975	1 405	2 928	1 762	1 467	926	309	125	53	2.59	25 548
2 or more	1 745	412	741	253	181	79	35	8	36	2.12	5 315
Mobile home or trailer, etc.	19	4	—	4	5	6	—	—	—	3.80	78
<b>VALUE</b>											
Specified owner-occupied housing units	8 466	1 325	2 747	1 653	1 373	904	292	119	53	2.60	23 630
Less than \$10,000	54	14	18	10	6	—	—	—	—	2.22	167
\$10,000 to \$19,999	435	151	151	65	38	19	11	—	—	1.94	915
\$20,000 to \$29,999	1 170	297	395	221	92	88	30	27	20	2.23	2 998
\$30,000 to \$39,999	2 152	286	771	497	298	185	64	43	8	2.54	5 951
\$40,000 to \$49,999	2 336	309	671	499	453	268	94	23	19	2.88	6 920
\$50,000 to \$59,999	1 003	103	400	101	209	124	53	13	—	2.50	2 811
\$60,000 to \$79,999	1 035	130	253	210	221	184	24	13	—	3.14	3 067
\$80,000 to \$99,999	165	30	53	26	24	17	9	—	6	2.49	413
\$100,000 to \$149,999	110	5	35	24	26	13	7	—	—	3.13	364
\$150,000 or more	6	—	—	—	6	—	—	—	—	4.00	24
Median	\$41 600	\$36 600	\$40 500	\$40 500	\$44 900	\$45 500	\$45 500	\$35 200	\$34 100	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	10 739	1 821	3 669	2 019	1 653	1 011	344	133	89	2.47	30 941
Median income	\$19 299	\$9 299	\$17 409	\$22 160	\$23 676	\$24 608	\$26 458	\$24 250	\$29 792	...	...
Median selected monthly owner costs as percentage of household income	19.3	29.3	19.0	17.1	19.0	17.7	17.6	18.6	19.8	...	...
With a mortgage	21.2	33.3	22.6	20.0	20.5	18.8	18.2	19.1	22.1	...	...
Not mortgaged	15.2	25.0	14.8	12.2	10—	10—	10—	10—	17.5	...	...
Income in 1979 below poverty level	483	183	99	52	55	44	34	8	8	2.09	...
Median income	\$3 721	\$3 727	\$2500—	\$5 556	\$3 438	\$5 781	\$8 125	\$8 750	\$11 250	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	48.9	45.0	32.5	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	48.9	45.0	32.5	...	...
Not mortgaged	50+	50+	50+	50+	50+	—	—	—	—	...	...
<b>Renter-occupied housing units</b>	<b>14 680</b>	<b>6 853</b>	<b>4 589</b>	<b>1 513</b>	<b>956</b>	<b>464</b>	<b>186</b>	<b>94</b>	<b>25</b>	<b>1.61</b>	<b>28 668</b>
Nonrelatives present	2 127	—	1 548	316	132	44	53	34	—	2.19	5 276
<b>ROOMS</b>											
1 room	1 364	1 295	69	—	—	—	—	—	—	1.03	1 411
2 rooms	1 842	1 488	343	11	—	—	—	—	—	1.12	2 255
3 rooms	3 212	2 049	995	136	23	9	—	—	—	1.28	4 656
4 rooms	3 268	1 224	1 433	408	152	47	—	4	—	1.79	6 143
5 rooms	2 709	445	1 088	554	337	170	106	9	—	2.34	7 183
6 rooms	1 496	251	443	253	285	139	63	42	20	2.71	4 446
7 or more rooms	789	101	218	151	159	99	17	39	5	3.00	2 574
Median	3.8	2.8	4.1	4.9	5.4	5.5	5.4	6.3	6.1	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	14 065	6 367	4 500	1 508	931	464	186	84	25	1.65	27 827
1.00 or less	13 749	6 367	4 450	1 497	908	408	80	39	—	1.61	26 307
1.01 to 1.50	253	—	—	11	23	47	106	41	25	5.93	1 325
1.51 or more	63	—	50	—	—	9	—	4	—	2.13	195
Lacking complete plumbing for exclusive use	615	486	89	5	25	—	—	10	—	1.13	841
1.00 or less	586	486	70	5	25	—	—	—	—	1.10	741
1.01 to 1.50	10	—	—	—	—	—	—	10	—	7.00	55
1.51 or more	19	—	19	—	—	—	—	—	—	2.00	45
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	1 108	261	322	193	182	77	25	43	5	2.41	3 125
2	2 264	572	783	376	331	162	30	10	—	2.22	5 875
3 and 4	3 451	1 297	1 192	446	230	160	77	29	20	1.86	7 352
5 to 9	3 068	1 404	1 091	336	135	55	35	12	—	1.62	5 637
10 to 49	2 744	1 637	896	129	53	10	19	—	—	1.34	4 190
50 or more	2 026	1 678	305	26	17	—	—	—	—	1.10	2 422
Mobile home or trailer, etc.	19	4	—	7	8	—	—	—	—	3.29	67
<b>GROSS RENT</b>											
Specified renter-occupied housing units	14 585	6 845	4 550	1 494	938	460	186	87	25	1.60	28 394
Less than \$100	1 429	1 033	188	87	60	17	26	—	—	1.19	2 397
\$100 to \$149	1 112	701	277	27	67	21	8	6	5	1.29	1 749
\$150 to \$199	2 366	1 426	627	146	75	64	—	21	7	1.33	3 903
\$200 to \$249	3 566	1 863	1 108	346	161	61	27	—	—	1.46	6 385
\$250 to \$299	2 760	933	1 099	353	204	113	54	4	—	1.91	5 841
\$300 to \$349	1 777	407	715	291	228	92	27	17	—	2.17	4 237
\$350 to \$399	683	183	251	150	37	32	22	—	8	2.13	1 644
\$400 to \$499	413	105	120	42	58	51	22	10	5	2.35	1 145
\$500 or more	120	66	28	8	18	—	—	—	—	1.41	220
No cash rent	359	128	137	44	30	9	—	11	—	1.88	873
Median	\$231	\$205	\$250	\$266	\$268	\$273	\$284	\$180	\$353	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	14 680	6 853	4 589	1 513	956	464	186	94	25	1.61	28 668
Median income	\$8 821	\$6 205	\$11 309	\$11 470	\$11 850	\$15 046	\$9 853	\$15 109	\$20 096	...	...
Median gross rent as percentage of household income	28.8	32.4	25.4	25.9	26.4	22.4	38.8	14.8	20.3	...	...
Income in 1979 below poverty level	3 529	1 804	790	365	292	112	105	56	5	1.48	...
Median income	\$3 552	\$3 031	\$4 113	\$4 094	\$4 154	\$6 466	\$7 868	\$7 750	\$11 250	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	44.4	21.1	45.0	...	...

Table B—10. **Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980**  
 (Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

Portland city	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
<b>Owner-occupied housing units</b>	10 739	1 336	1 248	3 170	1 391	6	239	142	210	260	17	242	218	920	1 210	54.1
<b>PERSONS IN UNIT</b>																
1 person	1 821	—	—	—	—	—	—	—	—	186	9	76	57	425	769	65.8
2 persons	3 669	325	62	1 270	1 123	6	113	45	141	61	8	72	56	211	263	61.8
3 persons	2 019	365	214	770	186	—	67	71	34	13	—	42	33	128	145	50.7
4 persons	1 633	425	421	501	38	—	22	5	5	—	—	39	61	92	14	39.5
5 persons	1 011	144	378	354	17	—	—	9	10	—	—	8	11	43	15	46.2
6 or more persons	366	77	173	275	21	—	—	—	—	—	—	5	—	15	4	—
Median	2.96	3.44	4.33	2.91	2.12	2.00	1.60	1.87	1.24	1.20	1.44	2.13	2.43	1.67	1.29	—
Total persons	30 941	4 671	5 746	10 271	3 183	13	442	315	363	361	52	582	644	1 934	1 985	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																
Complete plumbing for exclusive use	10 647	1 328	1 248	3 165	1 357	6	228	137	210	255	17	242	218	916	1 190	54.0
1.01 or more persons per room	98	25	19	42	34	—	—	5	—	5	—	—	—	6	6	46.7
Lacking complete plumbing for exclusive use	92	8	—	5	—	—	11	—	—	—	—	—	—	4	20	69.3
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																
Specified owner-occupied housing units	8 466	1 102	1 078	2 602	1 085	6	143	110	144	192	13	143	144	702	939	53.9
With a mortgage	5 212	1 069	982	1 760	264	6	96	85	54	33	13	143	131	333	135	44.7
Less than 15 percent	1 146	112	213	640	59	—	—	16	12	—	—	—	3	49	26	50.1
15 to 19 percent	26	200	297	520	63	—	4	7	20	—	—	18	15	7	15	—
20 to 24 percent	977	301	216	239	36	—	30	33	7	—	—	15	28	46	—	39.3
25 to 29 percent	640	18	230	148	21	6	22	—	—	6	—	20	32	50	7	36.5
30 to 34 percent	833	15	84	91	25	—	11	—	—	—	—	22	11	14	18	39.3
35 percent or more	—	142	84	122	60	—	29	22	15	27	13	61	50	125	69	45.2
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	21.2	23.7	19.7	17.3	21.4	27.5	28.2	21.9	18.8	38.5	47.2	32.6	29.3	27.2	35.4	—
Not mortgaged	3 254	33	46	842	821	—	47	25	90	159	—	—	13	369	804	64.5
Less than 10 percent	818	—	30	463	164	—	—	8	16	44	—	—	—	41	47	—
10 to 14 percent	10	14	16	201	223	—	27	11	42	28	—	—	6	93	121	61.8
15 to 19 percent	484	9	—	75	130	—	20	6	8	18	—	—	—	80	138	67.8
20 to 24 percent	372	5	—	48	105	—	—	—	16	24	—	—	—	35	139	72.1
25 to 29 percent	216	—	—	25	109	—	—	—	8	5	—	—	—	25	44	70.0
30 to 34 percent	108	—	—	30	27	—	—	—	—	12	—	—	—	4	65	73.4
35 percent or more	463	5	—	—	63	—	—	—	—	28	—	—	7	85	250	71.0
Not computed	11	—	—	—	—	—	—	—	—	—	—	—	—	6	—	55.4
Median	15.2	15.0	10—	10—	15.9	—	14.4	12.0	13.5	17.1	—	—	50+	18.0	23.5	—
<b>Renter-occupied housing units</b>	14 680	1 143	547	844	713	888	1 319	352	604	609	1 284	1 790	543	1 339	2 180	37.4
<b>PERSONS IN UNIT</b>																
1 person	6 853	—	—	—	—	401	863	234	505	550	559	778	129	914	1 920	53.9
2 persons	4 589	518	154	382	647	399	390	77	80	53	514	526	95	236	229	31.0
3 persons	1 913	283	193	138	39	67	62	16	6	6	131	141	148	77	31	31.0
4 persons	796	42	207	161	27	13	4	9	7	—	16	56	90	75	—	35.6
5 persons	464	25	100	83	—	8	—	5	—	—	20	50	34	20	—	37.3
6 or more persons	305	35	36	58	—	—	—	—	6	—	4	43	47	17	—	36.3
Median	1.61	2.70	3.66	2.75	2.05	1.61	1.26	1.25	1.10	1.05	1.46	1.72	2.82	1.23	1.07	—
Total persons	28 668	3 535	1 948	2 702	1 505	1 485	1 802	529	731	630	2 519	3 579	1 611	2 101	2 568	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																
Complete plumbing for exclusive use	14 065	1 132	547	844	704	837	1 264	304	497	569	1 218	1 735	515	1 280	2 107	37.2
1.01 or more persons per room	316	80	39	43	12	—	7	—	6	—	—	45	28	26	14	36.6
Lacking complete plumbing for exclusive use	615	11	—	—	9	51	55	48	107	40	66	55	28	59	73	42.2
1.01 or more persons per room	29	—	—	—	—	—	—	—	—	—	13	6	10	—	—	31.3
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																
Specified renter-occupied housing units	14 585	1 122	540	838	703	888	1 319	352	604	601	1 271	1 783	539	1 339	2 180	37.5
Less than 15 percent	1 645	215	142	170	71	35	206	79	166	59	71	125	77	82	100	38.8
15 to 19 percent	1 916	180	99	128	96	99	187	44	27	55	131	210	51	164	207	38.4
20 to 24 percent	2 050	191	108	212	119	135	225	38	61	52	112	206	57	156	387	38.4
25 to 29 percent	1 873	109	154	59	104	116	161	37	74	45	109	270	33	220	339	36.4
30 to 34 percent	2 205	25	98	10	53	82	146	40	146	62	106	206	40	157	167	32.9
35 to 49 percent	2 205	58	146	49	62	157	176	29	86	87	286	282	89	201	350	34.9
50 percent or more	3 116	42	107	66	102	254	214	64	144	234	367	410	177	312	571	39.7
Not computed	510	31	51	104	18	10	4	21	14	7	59	15	47	31	59	44.3
Median	28.8	23.9	20.2	19.6	27.7	33.3	26.2	25.6	27.8	38.1	39.3	31.1	35.4	30.8	30.8	—



**Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Portland city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Owner-occupied housing units</b> .....	<b>1 821</b>	<b>485</b>	—	<b>113</b>	<b>45</b>	<b>141</b>	<b>186</b>	<b>1 336</b>	<b>9</b>	<b>76</b>	<b>57</b>	<b>425</b>	<b>769</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	1 788	469	—	102	45	141	181	1 319	9	76	57	421	756
Lacking complete plumbing for exclusive use .....	33	16	—	11	—	—	5	17	—	—	—	4	13
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	1 405	376	—	67	35	115	159	1 029	9	45	39	350	586
2 or more .....	412	109	—	46	10	26	27	303	—	31	18	71	183
Mobile home or trailer, etc. ....	4	—	—	—	—	—	—	4	—	—	—	4	—
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	464	70	—	9	6	15	40	394	—	—	13	72	309
\$5,000 to \$9,999 .....	504	127	—	21	6	33	67	377	—	17	5	118	237
\$10,000 to \$14,999 .....	254	46	—	7	9	19	11	208	9	—	—	66	133
\$12,500 to \$14,999 .....	133	40	—	11	8	—	21	93	—	16	12	53	12
\$15,000 to \$19,999 .....	262	97	—	45	5	21	26	165	—	20	13	77	55
\$20,000 to \$24,999 .....	91	31	—	4	6	14	7	60	—	23	14	16	7
\$25,000 to \$34,999 .....	80	64	—	16	5	29	14	16	—	—	—	16	—
\$35,000 to \$49,999 .....	28	5	—	—	—	5	—	23	—	—	—	7	16
\$50,000 or more .....	5	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$9 299	\$12 473	—	\$15 472	\$12 969	\$16 094	\$8 478	\$8 494	\$11 250	\$16 042	\$14 688	\$10 852	\$6 267
Mean .....	\$10 978	\$13 779	—	\$14 364	\$13 432	\$17 400	\$10 763	\$9 961	\$11 050	\$15 796	\$13 038	\$11 839	\$8 107
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
Specified owner-occupied housing units .....	1 325	340	—	63	26	100	151	985	9	45	33	317	581
With a mortgage .....	454	116	—	44	20	25	27	338	9	45	27	144	113
Less than \$200 .....	51	7	—	—	—	—	7	44	—	—	—	13	31
\$200 to \$249 .....	64	15	—	—	8	7	—	49	—	—	—	20	29
\$250 to \$299 .....	93	12	—	—	6	—	6	81	—	—	7	54	20
\$300 to \$349 .....	45	17	—	6	—	11	—	28	—	11	—	11	6
\$350 to \$399 .....	79	39	—	19	6	—	14	40	—	7	8	25	—
\$400 to \$499 .....	69	19	—	12	—	7	—	50	9	14	—	13	14
\$500 to \$599 .....	53	7	—	7	—	—	—	46	—	13	12	8	13
\$600 to \$749 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$750 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$321	\$359	—	\$392	\$267	\$325	\$352	\$297	\$425	\$438	\$391	\$286	\$244
Not mortgaged .....	871	224	—	19	6	75	124	647	—	—	6	173	468
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	7	—	—	—	—	—	—	7	—	—	—	—	7
\$75 to \$99 .....	51	24	—	11	6	—	7	27	—	—	—	—	27
\$100 to \$124 .....	96	47	—	—	—	26	21	49	—	—	—	12	37
\$125 to \$149 .....	171	25	—	—	—	8	17	146	—	—	—	39	107
\$150 to \$199 .....	356	101	—	8	—	36	57	255	—	—	6	70	179
\$200 to \$249 .....	111	16	—	—	—	—	16	95	—	—	—	29	66
\$250 or more .....	79	11	—	—	—	5	6	68	—	—	—	23	45
Median .....	\$166	\$158	—	\$97	\$88	\$155	\$165	\$169	—	—	\$175	\$175	\$166
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	29.3	21.6	—	27.5	22.5	16.3	24.3	32.9	45.0	29.4	32.2	26.7	34.8
With a mortgage .....	33.3	29.7	—	31.4	23.6	18.1	37.5	34.4	45.0	29.4	34.1	28.7	38.5
Not mortgaged .....	25.0	17.8	—	15.7	17.5	14.0	21.5	31.9	—	—	12.5	24.2	33.7
Income in 1979 below poverty level .....	183	42	—	9	6	15	12	141	—	—	13	36	92
Percent below poverty level .....	10.0	8.7	—	8.0	13.3	10.6	6.5	10.6	—	—	22.8	8.5	12.0
<b>Renter-occupied housing units</b> .....	<b>6 853</b>	<b>2 533</b>	<b>401</b>	<b>863</b>	<b>234</b>	<b>505</b>	<b>550</b>	<b>4 300</b>	<b>559</b>	<b>778</b>	<b>129</b>	<b>914</b>	<b>1 920</b>
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	6 367	2 280	364	815	186	405	510	4 087	513	738	129	860	1 847
Lacking complete plumbing for exclusive use .....	486	273	37	48	48	100	40	213	46	40	—	54	73
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	261	86	20	29	8	10	19	175	20	15	11	66	63
2 .....	572	202	25	79	13	23	62	370	30	91	32	73	144
3 and 4 .....	1 297	463	63	206	77	70	47	834	101	231	15	206	281
5 to 9 .....	1 404	611	108	255	63	119	66	793	157	268	25	162	181
10 to 49 .....	1 637	735	148	215	52	147	173	902	148	129	26	218	381
50 or more .....	1 678	456	37	79	21	136	183	1 222	103	44	20	189	866
Mobile home or trailer, etc. ....	4	—	—	—	—	—	—	4	—	—	—	—	4
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	2 826	822	162	135	50	168	307	2 004	246	181	30	364	1 183
\$5,000 to \$9,999 .....	2 175	811	156	290	49	155	161	1 364	254	284	51	288	487
\$10,000 to \$14,999 .....	749	309	52	162	62	19	14	440	45	170	24	116	85
\$12,500 to \$14,999 .....	422	204	16	110	19	20	39	218	7	90	11	48	62
\$15,000 to \$19,999 .....	433	258	7	96	35	91	29	175	7	48	13	52	55
\$20,000 to \$24,999 .....	96	61	—	40	5	16	—	35	—	—	—	28	7
\$25,000 to \$34,999 .....	70	44	—	24	7	13	—	26	—	5	—	9	12
\$35,000 to \$49,999 .....	30	13	8	—	—	5	—	17	—	—	—	9	8
\$50,000 or more .....	52	31	—	6	7	18	—	21	—	—	—	—	21
Median .....	\$6 205	\$7 565	\$6 160	\$10 100	\$10 726	\$8 125	\$4 700	\$5 456	\$5 616	\$8 834	\$8 125	\$6 401	\$4 487
Mean .....	\$7 870	\$9 304	\$6 974	\$10 679	\$11 958	\$11 252	\$5 926	\$7 019	\$5 404	\$8 573	\$8 504	\$7 733	\$6 419
<b>GROSS RENT</b>													
Specified renter-occupied housing units .....	6 845	2 545	401	863	234	505	542	4 300	559	778	129	914	1 920
Less than \$100 .....	1 033	196	6	36	13	38	103	837	72	18	18	123	606
\$100 to \$149 .....	701	342	47	41	26	123	105	359	21	49	8	69	212
\$150 to \$199 .....	1 426	600	102	218	42	143	95	826	126	122	19	247	312
\$200 to \$249 .....	1 863	790	146	291	80	138	135	1 073	224	306	50	189	304
\$250 to \$299 .....	933	315	54	124	39	34	64	618	76	181	17	105	239
\$300 to \$349 .....	407	118	21	44	20	11	22	289	15	40	5	97	132
\$350 to \$399 .....	183	89	7	62	6	—	—	94	10	21	7	21	35
\$400 to \$499 .....	105	36	—	36	—	—	—	69	7	8	—	45	9
\$500 or more .....	66	33	8	7	—	—	—	33	—	—	—	—	33
No cash rent .....	128	26	10	4	8	4	—	102	8	33	5	18	38
Median .....	\$205	\$207	\$215	\$222	\$220	\$184	\$186	\$203	\$211	\$230	\$216	\$202	\$174
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	32.4	31.7	37.6	29.2	26.7	28.1	39.3	32.8	43.0	32.1	28.8	32.8	31.1
Income in 1979 below poverty level .....	1 804	522	108	92	35	111	176	1 282	208	135	19	311	609
Percent below poverty level .....	26.3	20.4	26.9	10.7	15.0	22.0	32.0	29.8	37.2	17.4	14.7	34.0	31.7

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Portland city					Portland city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----	102	33	61	8	Vacant for rent housing units -----	1 141	731	233	177
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms -----	5	5	—	—	1 room -----	183	131	29	23
4 rooms -----	21	8	13	—	2 rooms -----	134	82	30	22
5 rooms -----	2	2	—	—	3 rooms -----	317	237	50	30
6 rooms -----	39	10	21	8	4 rooms -----	209	99	50	60
7 rooms -----	27	—	27	—	5 rooms -----	185	118	49	18
8 or more rooms -----	8	8	—	—	6 rooms -----	74	44	13	17
Median -----	6.1	5.6	6.3	6.0	7 or more rooms -----	39	20	12	7
					Median -----	3.3	3.1	3.6	3.7
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use -----	102	33	61	8	Complete plumbing for exclusive use -----	1 112	713	233	166
Lacking complete plumbing for exclusive use -----	—	—	—	—	Lacking complete plumbing for exclusive use -----	29	18	—	11
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None -----	—	—	—	—	None -----	223	163	37	23
1 -----	11	5	6	—	1 -----	513	337	107	69
2 -----	15	8	7	—	2 -----	302	163	61	78
3 -----	54	12	34	8	3 -----	93	58	28	7
4 -----	22	8	14	—	4 -----	10	10	—	—
5 or more -----	—	—	—	—	5 or more -----	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 -----	6	6	—	—	1975 to March 1980 -----	23	16	—	7
1970 to 1974 -----	—	—	—	—	1970 to 1974 -----	25	7	8	10
1960 to 1969 -----	2	2	—	—	1960 to 1969 -----	53	12	13	28
1950 to 1959 -----	8	8	—	—	1950 to 1959 -----	5	5	—	—
1940 to 1949 -----	18	—	18	—	1940 to 1949 -----	67	38	7	22
1939 or earlier -----	68	17	43	—	1939 or earlier -----	968	653	205	110
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached -----	59	20	39	—	1, detached or attached -----	82	52	12	18
2 or more -----	43	13	22	8	2 -----	109	43	44	22
Mobile home or trailer -----	—	—	—	—	3 and 4 -----	260	185	43	32
<b>HEATING EQUIPMENT</b>					5 to 9 -----	250	157	62	31
Central heating system -----	89	20	61	8	10 to 49 -----	222	170	27	25
Other means -----	13	13	—	—	50 or more -----	218	124	45	49
None -----	—	—	—	—	Mobile home or trailer -----	—	—	—	—
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units -----	46	20	26	—	Specified vacant for rent housing units -----	1 141	731	233	177
Less than \$10,000 -----	—	—	—	—	Less than \$100 -----	44	38	6	—
\$10,000 to \$19,999 -----	8	8	—	—	\$100 to \$149 -----	131	61	19	51
\$20,000 to \$29,999 -----	—	—	—	—	\$150 to \$199 -----	258	122	75	61
\$30,000 to \$39,999 -----	4	4	—	—	\$200 to \$249 -----	395	310	59	26
\$40,000 to \$49,999 -----	17	—	17	—	\$250 to \$299 -----	182	119	46	17
\$50,000 to \$59,999 -----	2	2	—	—	\$300 to \$399 -----	81	35	24	22
\$60,000 to \$79,999 -----	15	6	9	—	\$400 or more -----	50	46	4	—
\$80,000 to \$99,999 -----	—	—	—	—	Median -----	\$216	\$222	\$210	\$183
\$100,000 or more -----	—	—	—	—					
Median -----	\$43 200	\$37 500	\$43 800	—					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>Portland city</b>															
Total -----	46	—	8	21	17	—	43 200	1 141	44	389	577	81	50	216	
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use -----	46	—	8	21	17	—	43 200	1 112	44	360	577	81	50	217	
Lacking complete plumbing for exclusive use -----	—	—	—	—	—	—	—	29	—	29	—	—	—	118	
<b>BEDROOMS</b>															
None -----	—	—	—	—	—	—	—	223	31	56	136	—	—	207	
1 -----	—	—	—	—	—	—	—	513	13	162	276	48	14	226	
2 -----	8	—	8	—	—	—	16 300	302	—	127	129	26	20	215	
3 -----	24	—	—	16	8	—	43 300	93	—	39	31	7	16	213	
4 -----	14	—	—	5	9	—	71 100	10	—	5	—	—	—	165	
5 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980 -----	6	—	—	—	6	—	62 500	23	—	7	—	6	10	338	
1970 to 1974 -----	—	—	—	—	—	—	—	25	7	—	—	18	—	315	
1960 to 1969 -----	2	—	—	—	2	—	52 500	53	—	36	10	7	—	181	
1950 to 1959 -----	8	—	8	—	—	—	16 300	—	—	5	—	—	—	263	
1940 to 1949 -----	14	—	—	5	9	—	71 100	67	—	40	27	—	—	188	
1939 or earlier -----	16	—	—	16	—	—	41 700	968	37	306	535	50	40	216	
<b>UNITS IN STRUCTURE</b>															
1, detached or attached -----	46	—	8	21	17	—	43 200	82	7	37	30	—	8	187	
2 or more -----	—	—	—	—	—	—	—	1 059	37	352	547	81	42	217	
Mobile home or trailer -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	



## Appendix A.—Area Classifications

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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by “(CDP),” meaning “census designated place.” In the 1970 and earlier censuses, these places were identified by “(U),” meaning “unincorporated place.”

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

#### STANDARD METROPOLITAN STATISTICAL AREAS

##### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into “inside central city (or cities)” and “outside central city (or cities).” The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for “Central Cities of SMSA's” are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

**New SMSA Standards**

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

**BOUNDARY CHANGES**

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

**AREA MEASUREMENT**

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.



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The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

## **OCCUPANCY AND VACANCY CHARACTERISTICS**

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.



**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according



to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

#### **Comparability Between Sample and 100-Percent Data for Race of the Householder**

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

#### **Comparability With 1970 Census Data on Race of the Householder**

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race



category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the



category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central



heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent.** "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent.** The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

*Rent Asked.* For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

#### **Gross Rent as a Percentage of Household Income in 1979**

—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

#### **Comparability With 1970 Census Income Data**

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.



# Appendix B.—Definitions and Explanations of Subject Characteristics

## Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024





## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

## DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

## PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.



## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

## Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from



the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/  
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish  
Origin

Group	White Race
	Persons of Spanish Origin
	Male

1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older

## Female

9-16	Same age categories as groups 1 to 8
------	--------------------------------------

## Persons Not of Spanish Origin

17-32	Same age and sex categories as groups 1 to 16
-------	---

## Black Race

33-64	Same age-sex-Spanish origin categories as groups 1 to 32
-------	--

## Asian, Pacific Islander Race

65-96	Same age-sex-Spanish origin categories as groups 1 to 32
-------	--

American Indian, Eskimo, or  
Aleut Race

97-128	Same age-sex-Spanish origin categories as groups 1 to 32
--------	--

Other Race (includes those races  
not listed above)

129-160	Same age-sex-Spanish origin categories as groups 1 to 32
---------	--

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

## Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin  
of Householder/Value or Rent

Group	Owner
	White Race (householder)
	Persons of Spanish Origin (householder)
	Value of House
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	Persons Not of Spanish Origin



9-16	Same value categories as groups 1 to 8	<i>Other Race (includes those races not listed above)</i>
		169-190
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16	Same rent—Spanish origin categories as groups 81 to 102
VACANT HOUSING UNITS		
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16	Group
	<i>American Indian, Eskimo, or Aleut Race</i>	1 <i>Vacant for Rent</i>
49-64	Same value—Spanish origin categories as groups 1 to 16	2 <i>Vacant for Sale</i>
	<i>Other Race (includes those races not listed above)</i>	3 <i>Other Vacant</i>
65-80	Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin</i>	
	<i>Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
	<i>Black Race</i>	
103-124	Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i>	
125-146	Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i>	
147-168	Same rent—Spanish origin categories as groups 81 to 102	

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

### CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

## **EDITING OF UNACCEPTABLE DATA**

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

## **ALLOCATION TABLES**

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.



Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <sup>1/</sup>												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.8	0.5
Vacant price asked and vacant rent asked..	1.1	0.8	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	0.9	0.5
Stories in structure.....	1.0	1.0	0.5
Passenger elevator.....	1.0	1.0	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.8	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.8	0.5
Air conditioning.....	1.4	1.0	0.6
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.8	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.8	0.5
Household income.....	1.1	0.8	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.8	0.5
Value.....	1.0	1.0	0.5



Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA  
Places of 50,000 or More and  
Central Cities of SMSA's**

The SMSA -----  
  
**PLACES OF 50,000 OR MORE AND CENTRAL  
CITIES OF SMSA's**  
  
Portland city -----

Housing units	
100-percent caunt	Percent in sample
75 974	15.9
27 962	15.8





## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month end year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. This address means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.  
  
Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.  
  
Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A** public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank* or *cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a *reverse cycle*

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.



- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

#### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

##### 11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

##### *For persons born outside the United States:*

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, not, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

#### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

# INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

## Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

## Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

# INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

## Unacceptable

Furniture company

Grocery store

Oil company

Ranch

## Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

## Unacceptable

Clerk

Helper

Mechanic

Nurse

## Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.



INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:					
DO	A1	A2	A4	A5	A6
				L	

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye.

### A message from the Director, Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.





Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	First name Middle initial	Last name	First name Middle initial
<b>2. How is this person related to the person in column 1?</b>  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	<b>START</b> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister	If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee		
<b>3. Sex</b> Fill one circle.	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female			
<b>4. Is this person —</b>  Fill one circle.	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →			
<b>5. Age, and month and year of birth</b>  a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday b. Month of birth <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	c. Year of birth 1 8 0 0 1 9 0 0 2 0 0 0 3 0 0 0 4 0 0 0 5 0 0 0 6 0 0 0 7 0 0 0 8 0 0 0 9 0 0 0	a. Age at last birthday b. Month of birth <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	c. Year of birth 1 8 0 0 1 9 0 0 2 0 0 0 3 0 0 0 4 0 0 0 5 0 0 0 6 0 0 0 7 0 0 0 8 0 0 0 9 0 0 0	
<b>6. Marital status</b>  Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced			
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic			
<b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related			
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10			
<b>10. Did this person finish the highest grade (or year) attended?</b>  Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)			
CENSUS USE ONLY		A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	CENSUS USE ONLY		



→ **NOW PLEASE ANSWER QUESTIONS H1—H12**  
**FOR YOUR HOUSEHOLD**

If you listed more than 7 persons in Question 1, please see note on page 20.

PERSON in column 7	
Last name	Middle initial
First name	
If relative of person in column 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify _____ <input type="radio"/> Indian (Amer.) _____ Print tribe →	
a. Age at last birthday	c. Year of birth
1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 0
b. Month of birth	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> Jan.—Mar.	<input type="radio"/> Apr.—June
<input type="radio"/> July—Sept.	<input type="radio"/> Oct.—Dec.
<input type="radio"/> Now married	<input type="radio"/> Separated
<input type="radio"/> Widowed	<input type="radio"/> Never married
<input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten	
Elementary through high school (grade or year)	
1 2 3 4 5 6 7 8 9 10 11 12	
College (academic year)	
1 2 3 4 5 6 7 8 or more	
<input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	

<p><b>H1.</b> Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?</p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason left out.  <input type="radio"/> No</p> <p><b>H2.</b> Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?</p> <p><input type="radio"/> Yes — On page 20 give name(s) and reason person is away.  <input type="radio"/> No</p> <p><b>H3.</b> Is anyone visiting here who is not already listed?</p> <p><input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  <input type="radio"/> No</p> <p><b>H4.</b> How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One  <input type="radio"/> 2 apartments or living quarters  <input type="radio"/> 3 apartments or living quarters  <input type="radio"/> 4 apartments or living quarters  <input type="radio"/> 5 apartments or living quarters  <input type="radio"/> 6 apartments or living quarters  <input type="radio"/> 7 apartments or living quarters  <input type="radio"/> 8 apartments or living quarters  <input type="radio"/> 9 apartments or living quarters  <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer</p> <p><b>H5.</b> Do you enter your living quarters —</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?  <input type="radio"/> Through someone else's living quarters?</p> <p><b>H6.</b> Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No, have some but not all plumbing facilities  <input type="radio"/> No plumbing facilities in living quarters</p> <p><b>H7.</b> How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</p> <p><input type="radio"/> 1 room <input type="radio"/> 2 rooms <input type="radio"/> 3 rooms <input type="radio"/> 4 rooms <input type="radio"/> 5 rooms <input type="radio"/> 6 rooms <input type="radio"/> 7 rooms <input type="radio"/> 8 rooms <input type="radio"/> 9 or more rooms</p> <p><b>H8.</b> Are your living quarters —</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household?  <input type="radio"/> Rented for cash rent?  <input type="radio"/> Occupied without payment of cash rent?</p>	<p><b>H9.</b> Is this apartment (house) part of a condominium?</p> <p><input type="radio"/> No  <input type="radio"/> Yes, a condominium</p> <p><b>H10.</b> If this is a one-family house —</p> <p>a. Is the house on a property of 10 or more acres?  <input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No</p> <p>b. Is any part of the property used as a commercial establishment or medical office?  <input type="radio"/> Yes <input type="radio"/> No</p> <p><b>H11.</b> If you live in a one-family house or a condominium unit which you own or are buying —</p> <p>What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?</p> <p>Do not answer this question if this is —</p> <ul style="list-style-type: none"> <li>• A mobile home or trailer</li> <li>• A house on 10 or more acres</li> <li>• A house with a commercial establishment or medical office on the property</li> </ul> <p><input type="radio"/> Less than \$10,000 <input type="radio"/> \$50,000 to \$54,999  <input type="radio"/> \$10,000 to \$14,999 <input type="radio"/> \$55,000 to \$59,999  <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$60,000 to \$64,999  <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$65,000 to \$69,999  <input type="radio"/> \$20,000 to \$22,499 <input type="radio"/> \$70,000 to \$74,999  <input type="radio"/> \$22,500 to \$24,999 <input checked="" type="checkbox"/> <input type="radio"/> \$75,000 to \$79,999  <input type="radio"/> \$25,000 to \$27,499 <input type="radio"/> \$80,000 to \$89,999  <input type="radio"/> \$27,500 to \$29,999 <input type="radio"/> \$90,000 to \$99,999  <input type="radio"/> \$30,000 to \$34,999 <input type="radio"/> \$100,000 to \$124,999  <input type="radio"/> \$35,000 to \$39,999 <input type="radio"/> \$125,000 to \$149,999  <input type="radio"/> \$40,000 to \$44,999 <input type="radio"/> \$150,000 to \$199,999  <input type="radio"/> \$45,000 to \$49,999 <input type="radio"/> \$200,000 or more</p> <p><b>H12.</b> If you pay rent for your living quarters —</p> <p>What is the monthly rent?</p> <p>If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.</p> <p><input type="radio"/> Less than \$50 <input type="radio"/> \$160 to \$169  <input type="radio"/> \$50 to \$59 <input type="radio"/> \$170 to \$179  <input type="radio"/> \$60 to \$69 <input type="radio"/> \$180 to \$189  <input type="radio"/> \$70 to \$79 <input type="radio"/> \$190 to \$199  <input type="radio"/> \$80 to \$89 <input type="radio"/> \$200 to \$224  <input type="radio"/> \$90 to \$99 <input checked="" type="checkbox"/> <input type="radio"/> \$225 to \$249  <input type="radio"/> \$100 to \$109 <input type="radio"/> \$250 to \$274  <input type="radio"/> \$110 to \$119 <input type="radio"/> \$275 to \$299  <input type="radio"/> \$120 to \$129 <input type="radio"/> \$300 to \$349  <input type="radio"/> \$130 to \$139 <input type="radio"/> \$350 to \$399  <input type="radio"/> \$140 to \$149 <input type="radio"/> \$400 to \$499  <input type="radio"/> \$150 to \$159 <input type="radio"/> \$500 or more</p>
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<p><b>A4.</b> Block number</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>	<p><b>A6.</b> Serial number</p> <p>0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9</p>	<p><b>B.</b> Type of unit or quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form  <input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular  <input type="radio"/> Usual home elsewhere</p> <p><u>Group quarters</u></p> <p><input type="radio"/> First form  <input type="radio"/> Continuation</p>	<p><b>For vacant units</b></p> <p><b>C1.</b> Is this unit for —</p> <p><input type="radio"/> Year round use  <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.</p> <p><b>C2.</b> Vacancy status</p> <p><input type="radio"/> For rent  <input type="radio"/> For sale only  <input type="radio"/> Rented or sold, not occupied  <input type="radio"/> Held for occasional use  <input type="radio"/> Other vacant</p> <p><b>C3.</b> Is this unit boarded up?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p><b>D.</b> Months vacant</p> <p><input type="radio"/> Less than 1 month  <input type="radio"/> 1 up to 2 months  <input type="radio"/> 2 up to 6 months  <input type="radio"/> 6 up to 12 months  <input type="radio"/> 1 year up to 2 years  <input type="radio"/> 2 or more years</p> <p><b>E. Indicators</b></p> <p>1. <input type="radio"/> Mail return          2. <input type="radio"/> Pop./F</p>	<p><b>F.</b> Total persons</p> <p>0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9</p>
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<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul>	<b>H21a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>CENSUS USE</b> <b>H22a.</b> <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul> <b>b. Is there a passenger elevator in this building?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22b.</b> <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>	<b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	<b>H22c.</b> <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>	<b>c. Water</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	<b>H22d.</b> <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>	<b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>	<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>	<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<b>H26. Do you have a telephone in your living quarters?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul> <b>H27. Do you have air conditioning?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul> <b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul> <b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9



- A mobile home or trailer . . . . .
- A house on 10 or more acres . . . . .
- A condominium unit . . . . .
- A house with a commercial establishment  
or medical office on the property . . . . .

*If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.*

H30. What were the real estate taxes on this property last year?

\$ .00 OR ☐ None

**H31. What is the annual premium for fire and hazard insurance on this property?**

\$ .00 OR ☐ None

**H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?**

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

**b. Do you have a second or junior mortgage on this property?**

- ☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

*Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.*

\$ \_\_\_\_\_ .00 OR ☐ No regular payment required — Skip to  
page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment ☒
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

*Please turn to page 6*

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<div>1</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>3</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>
<div>4</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>6</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>
<div>7</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>GQ.</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>H30.</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>H31.</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>H32c.</div> <div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>	<div>2.</div> <div>4.</div> <div>S.S.</div> <div>Yes</div> <div>No</div>

**Name of Person 1**  
on page 2:

\_\_\_\_\_  
Last name      First name      Middle initial

**11. In what State or foreign country was this person born?**  
*Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.*

\_\_\_\_\_  
*Name of State or foreign country; or Puerto Rico, Guam, etc.*

**12. If this person was born in a foreign country —**  
**a. Is this person a naturalized citizen of the United States?**

☐ Yes, a naturalized citizen  
☐ No, not a citizen  
☐ Born abroad of American parents

**b. When did this person come to the United States to stay?**

☐ 1975 to 1980    ☐ 1965 to 1969    ☐ 1950 to 1959  
☐ 1970 to 1974    ☐ 1960 to 1964    ☐ Before 1950

**13a. Does this person speak a language other than English at home?**

☐ Yes    ☐ No, only speaks English — *Skip to 14*

**b. What is this language?**

\_\_\_\_\_  
*(For example — Chinese, Italian, Spanish, etc.)*

**c. How well does this person speak English?**

☐ Very well    ☐ Not well  
☐ Well    ☐ Not at all

**14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.**

\_\_\_\_\_  
*(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)*

**15a. Did this person live in this house five years ago (April 1, 1975)?**  
*If in college or Armed Forces in April 1975, report place of residence there.*

☐ Born April 1975 or later — *Turn to next page for next person*  
☐ Yes, this house — *Skip to 16*  
☐ No, different house

**b. Where did this person live five years ago (April 1, 1975)?**

(1) State, foreign country, Puerto Rico, Guam, etc.: \_\_\_\_\_

(2) County: \_\_\_\_\_

(3) City, town, village, etc.: \_\_\_\_\_

(4) Inside the incorporated (legal) limits of that city, town, village, etc.?

☐ Yes    ☐ No, in unincorporated area

**16. When was this person born?**

☐ Born before April 1965 —  
*Please go on with questions 17-33*

☐ Born April 1965 or later —  
*Turn to next page for next person*

**17. In April 1975 (five years ago) was this person —**

**a. On active duty in the Armed Forces?**

☐ Yes    ☐ No

**b. Attending college?**

☐ Yes    ☐ No

**c. Working at a job or business?**

☐ Yes, full time    ☐ No  
☐ Yes, part time

**18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?**  
*If service was in National Guard or Reserves only, see instruction guide.*

☐ Yes    ☐ No — *Skip to 19*

**b. Was active-duty military service during —**  
*Fill a circle for each period in which this person served.*

☐ May 1975 or later  
☐ Vietnam era (August 1964–April 1975)  
☐ February 1955–July 1964  
☐ Korean conflict (June 1950–January 1955)  
☐ World War II (September 1940–July 1947)  
☐ World War I (April 1917–November 1918)  
☐ Any other time

**19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .**

**a. Limits the kind or amount of work this person can do at a job?** . . . . . ☐ Yes ☐ No

**b. Prevents this person from working at a job?** ☐ ☐

**c. Limits or prevents this person from using public transportation?** . . . . . ☐ ☐

**20. If this person is a female —** None 1 2 3 4 5 6

How many babies has she ever had, not counting stillbirths? ☐ ☐ ☐ ☐ ☐ ☐

Do not count her stepchildren or children she has adopted. 7 8 9 10 11 12 or more ☐ ☐ ☐ ☐ ☐ ☐

**21. If this person has ever been married —**

**a. Has this person been married more than once?**

☐ Once    ☐ More than once

**b. Month and year of marriage?      Month and year of first marriage?**

(Month) (Year)      (Month) (Year)

**c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?**

☐ Yes    ☐ No

**22a. Did this person work at any time last week?**

☐ Yes — *Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)*

☐ No — *Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.*

*Skip to 25*

**b. How many hours did this person work last week (at all jobs)?**  
*Subtract any time off; add overtime or extra hours worked.*

Hours

**23. At what location did this person work last week?**  
*If this person worked at more than one location, print where he or she worked most last week.*  
*If one location cannot be specified, see instruction guide.*

**a. Address (Number and street)** \_\_\_\_\_

*If street address is not known, enter the building name, shopping center, or other physical location description.*

**b. Name of city, town, village, borough, etc.** \_\_\_\_\_

**c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?**

☐ Yes    ☐ No, in unincorporated area

**d. County** \_\_\_\_\_

**e. State** \_\_\_\_\_ **f. ZIP Code** \_\_\_\_\_

**24a. Last week, how long did it usually take this person to get from home to work (one way)?**

Minutes

**b. How did this person usually get to work last week?**  
*If this person used more than one method, give the one usually used for most of the distance.*

☐ Car    ☐ Taxicab  
☐ Truck    ☐ Motorcycle  
☐ Van    ☐ Bicycle  
☐ Bus or streetcar    ☐ Walked only  
☐ Railroad    ☐ Worked at home  
☐ Subway or elevated    ☐ Other — *Specify*

*If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.*

**FOR CENSUS USE ONLY**

Per. No.	11.	13b.	14.	15b.	23.	24a.
1	0 0 0	0 0 0	0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0
2	1 1 1	1 1 1	1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1
3	2 2 2	2 2 2	2 2 2	2 2 2 2 2 2	2 2 2 2 2 2 2 2	2 2
4	3 3 3	3 3 3	3 3 3	3 3 3 3 3 3	3 3 3 3 3 3 3 3	3 3
5	4 4 4	4 4 4	4 4 4	4 4 4 4 4 4	4 4 4 4 4 4 4 4	4 4
6	5 5 5	5 5 5	5 5 5	5 5 5 5 5 5	5 5 5 5 5 5 5 5	5 5
7	6 6 6	6 6 6	6 6 6	6 6 6 6 6 6	6 6 6 6 6 6 6 6	6 6
8	7 7 7	7 7 7	7 7 7	7 7 7 7 7 7	7 7 7 7 7 7 7 7	7 7
9	8 8 8	8 8 8	8 8 8	8 8 8 8 8 8	8 8 8 8 8 8 8 8	8 8
0	9 9 9	9 9 9	9 9 9	9 9 9 9 9 9	9 9 9 9 9 9 9 9	9 9



<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i>      <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving      <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2      <input type="radio"/> 4      <input type="radio"/> 6</p> <p><input type="radio"/> 3      <input checked="" type="radio"/> 5      <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes      <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (<i>In school, etc.</i>)</p> <p><input checked="" type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980      <input type="radio"/> 1978      <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979      <input type="radio"/> 1975 to 1977      <input type="radio"/> 1969 or earlier</p> <p><input type="radio"/> Never worked } <i>Skip to 31d</i></p> <p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i></p> <p>28. Industry</p> <p>a. For whom did this person work? <i>If now on active duty in the Armed Forces, print "AF" and skip to question 31.</i></p> <p>_____</p> <p><i>(Name of company, business, organization, or other employer)</i></p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>_____</p> <p><i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i></p> <p>c. Is this mainly — <i>(Fill one circle)</i></p> <p>Manufacturing <input checked="" type="radio"/>      <input type="radio"/> Retail trade</p> <p>Wholesale trade      <input type="radio"/> Other — <i>(agriculture, construction, service, government, etc.)</i></p> <p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>_____</p> <p><i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i></p> <p>b. What were this person's most important activities or duties?</p> <p>_____</p> <p><i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i></p> <p>30. Was this person — <i>(Fill one circle)</i></p> <p>Employee of private company, business, or individual, for wages, salary, or commissions ..... <input checked="" type="radio"/></p> <p>Federal government employee ..... <input type="radio"/></p> <p>State government employee ..... <input type="radio"/></p> <p>Local government employee (<i>city, county, etc.</i>) ..... <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated ..... <input type="radio"/></p> <p>Own business incorporated ..... <input type="radio"/></p> <p>Working without pay in family business or farm ..... <input type="radio"/></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>22b.</p> <p>I <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/></p> <p>2 <input type="radio"/> <input type="radio"/></p> <p>3 <input type="radio"/> <input type="radio"/></p> <p>4 <input type="radio"/> <input type="radio"/></p> <p>5 <input type="radio"/> <input type="radio"/></p> <p>6 <input type="radio"/> <input type="radio"/></p> <p>7 <input type="radio"/> <input type="radio"/></p> <p>8 <input type="radio"/> <input type="radio"/></p> <p>9 <input type="radio"/> <input type="radio"/></p> <p>28.</p> <p>A B C</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>D E F</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>G H J</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>K L M</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I I I</p> <p>2 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>3 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>4 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>5 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>6 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>7 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>8 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>9 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>AF <input type="radio"/></p> <p>NW <input type="radio"/></p> <p>29.</p> <p>N P Q</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>R S T</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>U V W</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>X Y Z</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I I I</p> <p>2 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>3 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>4 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>5 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>6 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>7 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>8 <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>9 <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes      <input checked="" type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>_____ Weeks</p> <p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>_____ Hours</p> <p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>_____ Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts. If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p><i>If "Yes" to any of the sources below — How much did this person receive for the entire year?</i></p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . <i>Report amount before deductions for taxes, bonds, dues, or other items.</i></p> <p><input type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>b. Own nonfarm business, partnership, or professional practice . . . <i>Report net income after business expenses.</i></p> <p><input type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>c. Own farm . . .</p> <p><i>Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</i></p> <p><input type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>d. Interest, dividends, royalties, or net rental income . . .</p> <p><i>Report even small amounts credited to an account.</i></p> <p><input type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input checked="" type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>f. Supplemental Security (SSI). Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input checked="" type="radio"/> Yes → \$ _____ .00</p> <p><input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$ _____ .00</p> <p><i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None</p>	<p>CENSUS USE ONLY</p> <p>31b.</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>2 <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>3 <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>4 <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>5 <input 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### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,



SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

## Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)



with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

### **HC80-5, Volume 5, Residential Finance—**

This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

### **HC80-S1-1; Supplementary Reports—**

These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

## **Evaluation and Reference Reports**

**PHC80-E, Evaluation and Research Reports—**These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports—**These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide—**This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History—**This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations—**This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations—**This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme—**This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## **COMPUTER TAPES**

### **Summary Tape Files**

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1—**This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2—**This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3—**This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.



**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

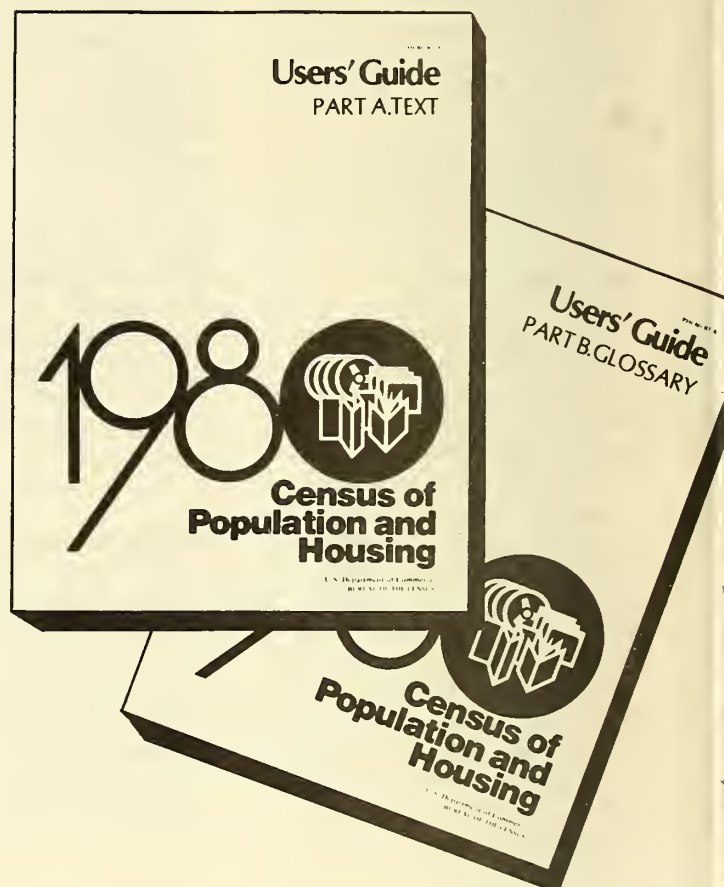
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
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